Hello
I'm Ruben Morales

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Skills

● **Blueprint Reading** : With a diverse background in the construction industry, having worked at Build Masters Construction, Roberts Iron Works, and EP Fabtech, I bring a wealth of experience and expertise to the table. I am well-versed in interpreting and creating blueprints, a skill that has enabled me to contribute significantly to various construction projects. Utilizing my blueprint reading skills, I efficiently calculate project costs, enabling me to submit competitive bids and play an integral role in the success of each construction endeavor.

● **Construction Estimating** : Highly skilled in construction estimating, with a proven track record of accurately forecasting project costs and managing budgets. Expertise in utilizing advanced software tools for precise takeoffs and cost analysis, ensuring optimal resource allocation and financial efficiency across diverse construction projects.

● **Specifications and Addendum Analysis Expert** : Skilled in meticulously reviewing project specifications, addendums, and other documents to ensure bids and estimates are accurate, competitive, and fully aligned with project requirements. Proficient in analyzing technical details and identifying discrepancies early in the process, I coordinate with cross-functional teams to make necessary adjustments, ensuring the submission of pristine and compliant bids.

● **Government Contracting and Bid Management Expertise** : I am skilled in utilizing platforms like SAM.gov, Bidspeed, and PlanItRoom to efficiently scout for job opportunities and stay updated on upcoming projects. Through these tools, I can analyze project specifications, identify potential bidding opportunities, and track government contracts and private projects. My experience with these platforms allows me to proactively manage proposals, ensuring timely and strategic responses that align with our business goals and capabilities.

● **Rebar Installation** : Having gained hands-on experience at Jefferson High School, I am adept at the precise and skillful installation of rebar. My practical knowledge enables me to contribute effectively to reinforcing structures and ensuring the integrity and stability of construction projects.

● **Construct Connect**: With proficiency in utilizing Construct Connect, a powerful estimating software, I have demonstrated my expertise in accurately estimating project costs and submitting winning bids. By leveraging this cutting-edge tool alongside my construction knowledge, I have consistently delivered competitive and successful bids, contributing to the success of diverse projects in the industry.

● **Planswift**: Proficient in using PlanSwift for detailed roofing takeoffs, ensuring accurate material quantification and cost estimation. Demonstrated ability to apply estimating software effectively across various construction projects, supporting comprehensive project planning and management.

● **Faro Scanner**: Proficient in utilizing the Faro Scanner for detailed 3D scanning and measurement of construction sites. Skilled in capturing precise data to create accurate digital models, facilitating enhanced planning, analysis, and execution of construction projects.

• **Field Measure**: Experienced in conducting precise field measurements as an estimator, ensuring detailed accuracy in the placement and fit of construction elements. My hands-on approach in verifying site dimensions has significantly improved project outcomes by enhancing the precision of installations and reducing the risk of costly errors.

• **CAD / BIM / Rendering Software / Autodesk Products**: Proficient in an array of industry-leading software, including AutoCAD, Fusion360, Revit, Blender3D, and NX10, I excel in creating both detailed blueprints and stunningly realistic 3D renderings. With expertise in these cutting-edge tools, I bring a unique combination of technical precision and artistic flair to visualize and execute construction projects with utmost proficiency. Moreover, I possess the ability to craft captivating animations and interactive 3D models accessible from various platforms, including phones, tablets, and computers, enriching the project visualization and communication process.

• **AutoCAD**: Highly skilled in AutoCAD, I have honed my expertise by creating numerous detailed plans during my tenure with various esteemed companies. I possess extensive experience in producing precise shop drawings for diverse projects, including stairs, carports, fences, gates, canopies, metal roofing panels, and metal wall panels. My proficiency in this indispensable software allows me to contribute seamlessly to the success of construction projects, ensuring accuracy and efficiency in every aspect of the design and fabrication process.

• **Revit** : Proficient and adept in Revit, I possess extensive expertise in leveraging this powerful Building Information Modeling (BIM) software to design and execute complex construction projects. With a proven track record of delivering high-quality and innovative results, my Revit skills have been instrumental in streamlining workflows, enhancing collaboration, and ensuring the seamless integration of all project components.

• **NX10**: Highly skilled in NX10, I have demonstrated my expertise in this advanced CAD/CAM software during my academic journey in college. Proficient in utilizing its diverse tools and functionalities, I have successfully applied NX10 to design and analyze intricate engineering projects, showcasing my ability to bring precision and innovation to the forefront of my work.

• **FUSION360**: As a Fusion360 expert, I have harnessed the full potential of this cutting-edge software to produce a diverse range of deliverables. From creating detailed plans to crafting photorealistic renders and captivating animations, my proficiency with Fusion360 has enabled me to add a unique and dynamic dimension to project visualization, elevating the overall design process with precision and creativity.

• **Blender3D**: As a Blender3D expert, I have showcased my talent by crafting photorealistic renderings and captivating animations that have significantly enhanced project visualization for construction and manufacturing companies. Beyond my professional work, I have also leveraged Blender3D for side projects, delivering exceptional results for a cryptocurrency company. My proficiency in this versatile software enables me to breathe life into concepts and bring creativity to the forefront of every endeavor.

• **SketchFAB**: As an expert in Sketchfab, I have utilized this platform to showcase and share my 3D models and renderings, enabling clients to interact with them effortlessly from their phones, tablets, and computers via a website. This immersive and accessible approach has proven invaluable in enhancing client engagement and understanding of complex design concepts.

• **SketchUp**: Skilled in utilizing SketchUp and advanced VR technology, I create and present detailed 3D models to clients, facilitating immersive visualizations that enhance understanding and engagement. My expertise in these tools allows me to deliver comprehensive virtual demonstrations, offering clients a unique, interactive experience that aids in the decision-making process. This innovative approach not only streamlines project timelines but also significantly improves client satisfaction and project outcomes.

• **LibreCAD**: Proficient in using LibreCAD, an open-source 2D CAD software, to create accurate shop drawings for fabrication and construction. Skilled in drafting plans, sections, and details with precise dimensions and layer organization. Experienced in leveraging LibreCAD's free, commercial-use capabilities to produce professional drawings efficiently without licensing costs.

• **Unreal Engine**: Experienced in utilizing Unreal Engine to develop immersive first-person shooter multiplayer games, notably for the title 'Contractors VR'. Demonstrated proficiency in creating high-quality 3D models and game assets using Blender, AutoCAD, and Fusion360. Skilled in designing and implementing diverse game modes to enhance user engagement and gameplay experience.

• **Photoshop** : Experienced in Photoshop, I adeptly employ this versatile tool to design logos that seamlessly integrate into my photo-realistic 3D models crafted in Blender. Beyond 3D design, I harness Photoshop's capabilities to create impactful web content, eye-catching flyers, and comprehensive catalogs, adding a visually captivating dimension to digital and print materials. My proficiency in Photoshop enhances both my design process and the quality of visual assets across various mediums.

• **Video Editing (Veed.io, Davinci Resolve, Film Maker Pro, Adobe Premiere)** : Experienced in video editing, I utilize advanced tools such as DaVinci Resolve, Veed.io, and Film Maker Pro to produce high-quality content across various platforms. My primary focus is on creating educational videos for my YouTube channel that delve into finance and cryptocurrency, where I adeptly simplify complex subjects with engaging visuals and clear narratives. Additionally, I craft entertaining TikTok videos for EP Fabtech, enhancing brand visibility and engagement through creative storytelling and skillful editing. My meticulous attention to detail and innovative approach ensure each video is not only informative but also visually compelling, effectively conveying intricate topics and capturing audience interest.

• **WordPress** : A seasoned WordPress professional, I have designed and developed a diverse portfolio of websites that span industries, including construction (roofing, manufacturing, and disposal), restaurants, and personal branding. From crafting engaging online platforms for businesses to showcasing social links, resumes, and even creating specialized calculators for cryptocurrency investments, my adeptness with WordPress brings innovation and functionality to every digital project.

• **Building Computers** : I built my own PC.

• **Python**: Advanced proficiency in Python, demonstrated through the development of engaging 2D games such as Tic Tac Toe and Snake. Additionally, leveraged Python to design sophisticated tools for risk management, expectation setting, and strategic investment in the cryptocurrency market, showcasing a strong aptitude for applying programming skills to diverse and practical financial applications.

• **C++** : Proficient in C++ with a strong track record of developing custom tools to enhance operational efficiency and decision-making. Developed a specialized program for Build Masters Construction to automate material calculations from Area and Perimeter data, significantly accelerating the bidding process. Additionally, I have applied my C++ expertise to create investment analysis tools and interactive games, demonstrating versatility and technical acumen in software development.

• **Java** : Proficient in Java, with demonstrated capability to replicate and enhance functionalities originally developed in Python and C++. Leveraged Java to create engaging 2D games such as Hangman, Tic Tac Toe, and Snake, as well as sophisticated investment tools for risk management and realistic financial forecasting in the cryptocurrency market. My expertise in Java enables the development of robust, scalable applications, applying object-oriented design principles to deliver high-quality software solutions.

• **SQL** : Skilled in SQL with extensive experience in designing, implementing, and maintaining complex database systems. Proficient in writing optimized queries, conducting data analysis, and developing procedures to support data integrity and actionable insights for business decision-making.

• **C#** : Proficient in C#, with extensive experience in developing robust applications and software solutions. Demonstrated expertise in using C# to build scalable, high-performance systems across desktop, web, and mobile platforms. Skilled in leveraging .NET framework capabilities to enhance application functionality and user experience, while maintaining strong coding practices and data security standards

• **VISUAL STUDIO** : Highly skilled in using Visual Studio for efficient software development and debugging. Proficient in leveraging its comprehensive suite of tools to enhance code quality and productivity, enabling the creation of sophisticated applications. Experienced in utilizing Visual Studio's advanced features for source control, code analysis, and project management to streamline development processes and improve collaboration across teams.

• **Web development**: Skilled web developer with extensive experience in creating and maintaining websites for diverse purposes, including corporate sites for companies like FabTech, Rapid Disposal, Taco Viche, and Roof Toppers. Expertly integrates interactive 3D models of projects to enhance user engagement and provide detailed visual representations. My portfolio, accessible through my resume website (https://PLP0.github.io/resume), also features a social media hub (https://PLP0.github.io/social) and an Investment Calculator tool (https://PLP0.github.io/invest). This experience underscores my ability to leverage advanced web technologies to deliver dynamic, functional, and visually appealing web solutions.

• **HTML5** : Proficient in HTML with extensive experience in designing and structuring websites and web applications. Demonstrated ability to create clean, efficient, and standards-compliant code, ensuring optimal functionality and cross-browser compatibility. Skilled in using HTML to develop user-centric, responsive designs that enhance user engagement and accessibility.

• **CSS** : Highly skilled in CSS, with a strong focus on creating visually appealing and responsive web designs. Proficient in using advanced CSS techniques to enhance layout, typography, and color schemes, ensuring a seamless and engaging user experience across all device types. Demonstrated expertise in optimizing web aesthetics while maintaining fast load times and adherence to design standards.

• **JavaScript**: Expert in JavaScript with extensive experience in developing interactive and dynamic web applications. Proficient in utilizing both vanilla JavaScript and modern frameworks to create rich user interfaces and responsive features that improve user engagement and website functionality. Skilled in coding efficient, maintainable scripts that enhance website performance and user experience.

• **GitHub/GoDaddy/AmazonWebServices/SiteGrounds/FireBase**: Experienced in utilizing leading technology platforms including GitHub for version control, GoDaddy for domain management, Amazon Web Services for scalable cloud solutions, SiteGround for web hosting, and Firebase for backend development. Demonstrated proficiency in leveraging these tools to enhance project deployment, scalability, and maintenance in fast-paced, tech-driven environments.

• **Graphic Design and Video Editing** : Creative and detail-oriented graphic designer with a strong ability to translate concepts into impactful visual designs. Proficient in a variety of design software, including Adobe Creative Suite. Demonstrated expertise in creating compelling graphics for digital and print media, branding, and marketing materials. Skilled in blending functionality with aesthetic appeal to produce designs that not only look great but also effectively communicate the intended message.

• **Call Center** : Experienced call center professional with a robust background in customer service, retention, and sales. Demonstrated proficiency in managing high-volume customer interactions, excelling in both problem resolution and opportunity identification. Expert at building rapport and trust with customers, effectively addressing concerns, and providing solutions that enhance satisfaction and loyalty. Proven track record of achieving sales targets and reducing customer churn by delivering superior service and support.

• **Microsoft Word** : Highly proficient in Microsoft Word, with over 15 years of experience leveraging the software to craft detailed and persuasive proposals for construction bids. Expert at utilizing advanced Word features to create professionally formatted documents that effectively communicate project scopes and requirements. Demonstrated ability to streamline proposal processes, ensuring clarity, accuracy, and alignment with stakeholder expectations.

• **Microsoft Powerpoint**: Expert in Microsoft PowerPoint with over 15 years of experience designing and delivering impactful presentations. Proficient in crafting visually engaging slides that communicate complex information clearly and persuasively. Experienced in utilizing advanced PowerPoint features to enhance audience engagement through dynamic content and interactive elements. Demonstrated ability to convey key messages effectively to diverse audiences, supporting business objectives and project goals.

• **Microsoft Excel**: Advanced proficiency in Microsoft Excel, utilized extensively to document, track, and calculate all financial aspects of bid proposals. Skilled in employing Excel's powerful analytical tools, including pivot tables, complex formulas, and data visualization features to ensure precise expense management and budget forecasting. Demonstrated ability to optimize financial data for clarity and accuracy, facilitating informed decision-making and efficient project bidding.

Experience

November 2024 - Present

Tyler Reinforcing – *Project Manager, Estimator, Detailer & Web Developer*

- Create Shop Drawings & 3D Models
- Web Development
- Estimating & Bidding
- Oversee project timelines
- Coordinate between estimators, detailers, fabricators, and field crews.
- Communicate with General Contractors & Clients
- Schedule deliveries
- Sales, Quotes, & Change Orders

April 2023 - September 2024

EP Fab Tech Metals MLG – *Estimating, Design & Web Development/Marketing*

- Shop Drawings
- Renders
- 3D Models
- Email Marketing
- Website Creation
- Video Creation
- Take Offs
- Bidding
- Drone Operator
- Field Measure
- Graphic Design

April 2021 - April 2023

TLC Associates, El Paso TX – *Fema Disaster Assistance Agent*

- Register and Update Applications
- Share General Account Information
- Assist Survivors

January 2022 - October 2022

Roberts Iron Works – *Estimator/Draftsman*

- Draw Shop Drawings/Plans/Blueprints
- Take Offs
- Estimate Project Expenses
- Bid on projects
- Prepare Proposals
- Prepare Expense Sheets
- Communicate with Clients

March 2020 - November 2020

Build Masters Construction, El Paso TX – *Estimator*

- Take offs
- Bidding
- Labor

June 2016 - March 2018

Abercrombie Kids – *Brand Representative*

- Customer Service
- Cashier
- Cleaning

October 2016 - March 2019

Valero, El Paso – *Customer Service Representative*

- Customer Service
- Cashier
- Cleaning

March 2019 - December 2019

Ross, El Paso – *Customer Service Representative*

- Customer Service
- Cashier
- Cleaning

March 2018 - June 2020

Newsbank, El Paso – *Metadata Technician*

- Scanning Microfilms
- Adjusting Scanner Settings
- Process, Fix, Extract and label metadata.

November 2020 - April 2021

Alorica, El Paso TX – *Retention Specialist*

- Retain customers threatening to quit
- Payments and Upgrades
- Customer Service
- De-escalating angry customers

Education

2013 - 2017

Bowie High School – *High School Diploma*

High School Diploma.

2015 - 2017

Center for Career & Technology Education (CCTE) – *High School Diploma*

High School Diploma.

2017 - Present

University of Texas at El Paso (UTEP) – *Mechanical Engineering*

I am still working on my Degree, 60 Hours Completed

2017 - Present

El Paso Community College (EPCC) – *Mechanical Engineering*

I am still working on my Degree, 60 Hours Completed

2020 - Present

Harvard University – *Software Engineering*

Free Online Courses by Harvard.

2016 - 2021

CodeCademy – *Code Camp*

Code Camp.

2015 - 2017

TestOut – *Networking and Security*

Networking and Security Online Course + CompTIA +A Certification Training

Forever

W3Schools.com – *Software Development*

Web Development! All I need to know in one place.

Forever

TryHackMe – *Cyber Security*

TryHackMe — where I level up my cybersecurity skills through hands-on, real-world labs.

Languages

- English
- Spanish
- Japanese - 日本語