JOSE ROBERTO JUAREZ

Laredo, Texas **|** (956) 955-0163 **|** robertojuarezjose90@gmail.com

LinkedIn: www.linkedin.com/in/roberto-juárez-b0b76a225/ **|**Git: https://github.com/robertojuarezjose

Website: https://portfolio-website-swart-tau.vercel.app/

Portfolio: https://robertojuarezjose.medium.com/

Freelancing Email: rjuarez@ondevsystem.com

Full Stack Software Developer with 2+ years of experience designing, building, and deploying enterprise-grade applications across diverse environments, specializing in logistics and Warehouse Management Systems (WMS). Proven expertise in front-end and back-end development using modern frameworks such as React, Next.js, ASP.NET Core, and SQL Server, alongside hands-on experience with cloud and DevOps practices leveraging AWS, Azure, and Terraform. Demonstrated ability to independently manage end-to-end software delivery, optimize system performance, and maintain strong client relationships through effective communication and proactive problem-solving. Passionate about continually adopting emerging technologies and improving development processes for maximum efficiency and reliability.

EDUCATION   GPA: 3.7

The University of Texas at San Antonio - Bachelor of Science, Computer Science

Concentration: Software Engineering

Languages & Frameworks:

C++ | C# | ASP.NET Core | .Net |React | Next.js | JavaScript | Python | JQuery | Java

UI & Tools:

Material UI | ShadCN | Tailwind CSS | Cursor AI | Visual Studio | Git & GitHub | Postman | Axios | React Query | Generative AI | Redis & Redis Bloom | Hangfire | Seq & serilog

Cloud & DevOps:

AWS | Azure | Google Cloud | Oracle Cloud | Terraform | Ansible | Docker

EXPERIENCE

OP Computer Business Solutions – Full Stack Software Engineer   May 2024 – Present

- Developed APIs, designed intuitive UI, and created robust database schemas for primary enterprise systems, particularly a Warehouse Management System (WMS), as well as logistics management and other business-critical applications, significantly enhancing efficiency across commercial trade operations.

- Implemented comprehensive Cyclic Inventory operations and reporting modules, alongside automated order processing utilizing FIFO methodologies supported by complex stored procedures.
  Designed and developed critical system features, including Lot Pallet Number (LPN) management, direct order processing, repack order handling, and dynamic ordering based on SKU and LPN criteria.

- Optimized original system architecture to introduce advanced functionalities, significantly improving core operational capabilities such as picking, sorting, inbound, and outbound logistics.

- Streamlined departure scanning operations for LPNs, boosting accuracy and reducing processing time.

- Built monitoring tools to track cargo statuses in real-time, reducing response time for issues by approximately 25% and ensuring complete visibility from warehouse entry through broker inspection.
- Contributed to developing monitors for tracking document processing workflows, ensuring efficient and transparent documentation handling.

- Conduct weekly client meetings to gather requirements, present feature previews, and design detailed implementation strategies for integrating new features into existing systems or architecting entirely new applications.

- Regularly optimize SQL Server queries through strategic indexing, constraints, and backend enhancements, significantly boosting system performance.
  Connect remotely to private cloud environments to deploy updates, troubleshoot services collaboratively with DevOps, or independently handle DevOps tasks such as deployments, troubleshooting, and infrastructure monitoring when team members are unavailable.

- Provide detailed status reports tailored to each client's specific development requests, ensuring transparency and clear communication throughout the project lifecycle.

- Take ownership and accountability for end-to-end feature delivery, carefully planning, designing, and implementing personalized features for shared complex systems—such as the warehouse management system—to ensure thorough testing and conflict-free integrations across multiple client environments.

- Engage in face-to-face client meetings when required to deeply analyze and understand daily operational workflows, enhancing the relevance and practical usability of implemented features.

- Generate comprehensive analysis reports and detailed project quotes for every new feature or system modification, clearly outlining scope and accurately estimating development timelines. Provide proactive customer support through calls and emails to promptly resolve unforeseen issues, occasionally connecting directly to clients' computers for real-time troubleshooting, collaborative analysis, and thorough documentation of identified problems.

- Regularly review and analyze extensive, complex codebases, utilizing performance profiling tools to identify bottlenecks and optimize stored procedures and API endpoints for maximum efficiency.

- Deploy projects remotely to secure, private cloud environments, ensuring seamless updates, minimized downtime, and reliable performance.

Technical Skills & Tools:

- **Backend:** C#, .NET, Web APIs, Web Methods, Error Handling, Logging, Endpoint Testing.
  Frontend: JQuery, Bootstrap, AJAX; React, Tailwind CSS, Axios for modern applications; Complex interactive DataTables and monitoring UIs.
  Database Management: SQL Server, Parameterized Queries, Advanced Indexing, Complex Joins, Temporary Tables, Iterative Stored Procedures, Transaction Management, Critical Operation Error Handling (try-catch).
  DevOps: Remote Deployments, Infrastructure Monitoring, and Troubleshooting.

Rocket Labs Technologies – Full Stack Software Developer   Jan 2023 – June 2024

- **Designed and developed scalable web applications** using ASP.NET Core for backend services and Next.js/React for frontend interfaces, improving application performance and maintainability in a fast-paced startup environment.

- **Architected database schemas, API endpoints, application flowcharts, and user interfaces** to align technical implementations with business requirements, ensuring seamless integration across systems.

- **Managed key phases of the project lifecycle**, including requirements gathering, technology evaluation, cost analysis, full-stack development, and deployment, contributing to on-time and cost-effective delivery.

- **Collaborated closely with cross-functional teams** to resolve technical challenges, streamline workflows, and implement features that enhanced user experience and overall system efficiency.

H-E-B Digital – Co-op Software Engineer   Aug 2022– Dec 2022
- Developed a unified OneLogin authentication application using Flask and React, enhancing security and user accessibility.

- Actively participated in Agile sprints, collaborating with team members and a Scrum Master to meet project deadlines.

- Designed and integrated a secure landing page with SAML authentication, ensuring a seamless user experience.

- Utilized GitLab CI/CD pipelines to automate testing and deployment, reducing development cycle time.

PROJECTS

Enterprise Logistics Monitoring System

- Developed a real-time logistics monitoring platform that provides analytics on shipping, warehouse operations, and trade compliance.
- Integrated live data tracking with warehouse management tools to optimize supply chain operations.
- Tech Stack: ASP.NET, C#, MySQL, MongoDB, jQuery, JavaScript

Document Storage System (*ERP System*)

- Built a secure, scalable document storage platform for managing PDF files, integrated with robust web-based authentication.
- Deployed the application on AWS and managed performance through DevOps best practices.
- Automated data retrieval and storage processes using cron jobs, ensuring timely updates to a MySQL database.
  Tech Stack: PHP, MySQL, JavaScript, AWS, DevOps

User Authentication Dashboard

- Created a multi-functional authentication dashboard with React and Flask, supporting SAML and OAuth protocols.
- Optimized backend API performance, reducing authentication time by 30%.
- Implemented role-based access controls for enhanced security and user management.
  Tech Stack: React, Flask, Docker, GitHub, MySQL

College/University Projects

- Projects Involved using C++ throughout the first two years, then moving on to Java and Python
- I went from early objects to data structures and moved to advanced areas.
- C++ was my first and primary language.