Josue Valdivia

Software Engineer

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Results-driven Senior Software Engineer with over 6 years of hands-on experience in leading diverse teams and delivering high-quality software solutions. Proven track record in transforming development processes through innovative practices and mentoring junior engineers. Passionate about customer satisfaction and committed to producing scalable, well-documented code.

SKILLS

Technical Skills

(Programming Languages: JavaScript, C#, Python | Frameworks & Technologies: React, Node.js, Express.js, Angular | Database Management: MongoDB, PostgreSQL | Tools: Git, Material-UI (MUI), AWS)

Soft Skills: (Leadership | Communication | Problem Solving | Time Management | Collaboration)

EDUCATION

Bachelor's Degree on Computer Science,

University of Nevada, Reno ↗

2014 – 2018
Reno, NV, United States

PROFESSIONAL EXPERIENCE

Lead Software Engineer, *Telcast.TV* ↗

January 2020 – present

- Spearheaded the development of scalable video live streaming solutions, improving user engagement by **40%** and enhancing the viewing experience for over **1 million users**.
- Led a team of **8 software engineers** in designing and implementing robust software architecture, ensuring adherence to best practices in coding and testing.
- Collaborated with cross-functional teams to gather requirements, resulting in the timely delivery of **3 major product releases**, all within budget constraints.
- Mentored **5 junior engineers**, fostering a culture of continuous learning that led to a **20% reduction** in onboarding time for new hires.
- Developed and maintained coding standards that improved code quality by **30%**, significantly reducing technical debt.

Full-Stack Developer, *Konstellationdata (startup)* ↗

January 2023 – December 2024

- Led the development of a Minimum Viable Product (MVP) projected to attract initial customers and investors by Q1 2025.
- Enhanced database visualization using React.js, improving user engagement by **30%**.
- Developed backend services in Node.js to calculate reliable score values for database tables and columns.
- Managed PostgreSQL database deployment on AWS, ensuring optimal performance and security.

Part-Time Frontend Developer, *Soundtrack S.R.L.* ↗

January 2020 – November 2022

- Developed and maintained the frontend of music asset management applications (RENDIcast and PROTONES) using React, achieving a **25% increase** in user satisfaction ratings.
- Implemented custom components with pure JavaScript and CSS, leveraging Material-UI (MUI) for design consistency across applications.
- Collaborated with a cross-functional team to deliver high-quality applications, contributing to project goals being met **100% of the time**.
- Ensured cross-browser compatibility and optimized performance to handle up to **1 million concurrent users**, demonstrating application scalability.

Software Developer, *Red Squirrel (startup)* ↗

February 2018 – December 2019

- Solely responsible for end-to-end development of cross-platform agents in C# (Windows) and Python (Linux), successfully deploying solutions that improved system monitoring capabilities by **35%**.
- Developed a comprehensive Angular dashboard for real-time monitoring and control of agents, enhancing operational efficiency for users by **30%**.
- Implemented secure data transfer mechanisms between agents and servers, ensuring reliable sys-log collection and remote control functionalities.