

Juan Ruiz Valencia

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Highly skilled and driven Senior Software Engineer seeking to leverage my extensive experience in software development in a challenging role, where I can further utilize and develop my skills while contributing to the company's growth and success.

EXPERIENCE

Software Engineer

Dec 2021 - Apr 2023

Microsoft, Austin, TX

- Expanded the company's product portfolio by leading the end-to-end development of a new product focusing on the intersection of healthcare and AI.
- Upgraded user experience by leading the development of critical features such as user management, real-time updates, authentication/authorization, and LLM integration.
- Sped up development workflows by pioneering dev tooling for the team, including a custom CLI, an experimentation pipeline and sandbox environment tools, and a unified local development experience.
- Enhanced distributed event handling across devices by implementing real-time communication support using WebSocket technology in both our frontend and backend.
- Reduced deployment errors by devising production-grade CI/CD pipelines with Azure DevOps.
- Boosted team efficiency by implementing a CI/CD pipeline for our all services, reducing deployment time by 80%.
- Rapidly prototyped internal and external research outcomes to evaluate and grow our existing system functionality.
- Participated as a decision maker in a high collaboration studio environment focusing on improving our UX.
- Mentored other software engineers to upskill and uplevel our team.

Software Engineer

Jan 2019 - Nov 2021

Charles Schwab, Austin, Texas

Team Lead

- Led a high-performance team of 8 software engineers, orchestrating the design and implementation of the complex Schwab TDA integration project.
- Directed multi-platform (mobile, web, and desktop) teams from both Schwab and TDA in transitioning to core Schwab authentication, identifying and integrating missing features.
- Amplified login performance and client service capabilities, innovatively designing support for multiple token and scope requests to accommodate over 150,000 requests per minute from Schwab and TDA clients.
- Shipped massive scale production system code to desktop, web, mobile, and distributed cloud environments.

Software Engineer II

- Advanced client login security and reliability by implementing critical features for Schwab Advisor login and security flows.
- Upgraded developer experience and code quality across the organization, pioneering the implementation of code quality tooling and testing.

Software Engineer I

- Engineered mission-critical components for cutting-edge end-to-end authentication experiences, resulting in 90% faster load times and unified login across Schwab.
- Built a dynamic login microsite, extensively utilized across all Schwab platforms.
- Maintained and enhanced central authentication configurations, onboarding hundreds of internal clients and creating tooling to reduce turnaround time by 800%.
- Expedited development processes by creating innovative developer tools, such as dynamic JSON validators, a schema change view tool, a database performance tool, among others.
- Established company-wide authentication best practices, leading the development of main login flows for mobile and web platforms across the entire company.
- Served as a subject matter expert in core authentication services, collaborating with architects and distinguished engineers in designing and implementing company-wide features.

EDUCATION

Computer Science, B.S - Computer Science

Jun 2016 - Jun 2018

Stephen F. Austin State University, Nacogdoches, TX

SKILLS

Python, C#, JavaScript, TypeScript, HTML, CSS, Java, .NET, SQL, React, Tailwind CSS, Node.js, SQL Server, MongoDB, Redis, Git, Azure, Docker, Pivotal Cloud Foundry, OAuth, GraphQL, CI/CD/DevOps, Agile Development, API Development, UI Development, Cloud Development, GitHub, Prototypes, Backend, Frontend, Distributed Systems