Jacob Hood

Full-stack software engineer
Seattle, Washington

https://github.com/jacobwhood
https://www.linkedin.com/in/jacobwhood/
832-405-8423
jacobwhood@gmail.com

PROFESSIONAL EXPERIENCE

Rev.com   2019 — May 2022

Senior Software Engineer | Marketplace Engineering

- Planned and led a team of 3 other engineers to implement marketplace changes for a new Legal Deposition Transcription service line.
- Led implementation of improvements to the filtering system and UI of the marketplace used by Rev's tens of thousands of freelancers, resulting in a 5% increase in freelancer productivity.
- Led planning of re-architecture of marketplace front-end code using React, TypeScript, Redux, React Testing Library, and Theme UI, to simplify architecture of the application and minimize new feature delivery time.

Software Engineer II | Editor Technology Engineering

- Developed a highly performant, internal text editor framework using ProseMirror and TypeScript which tested better than Google Docs in internal benchmark testing for edit, search and replace operations.
- Rewrote in-house text editor used by over 30,000 transcriptionists, leading to 100x decrease in average save request response time and 50% reduction in average request payload size. Features included autocorrect system, search and replace, seeking to audio time, text expanders, and grammar checker.
- Consulted for team of 5 engineers on use of the in-house editor framework and React 16, in the Rev Meeting Assistant for Zoom; responsibilities entailed leading onboarding meetings, advising on feature speccing, code review, pair programming, and documentation creation.
- Mentored new hire engineer via reoccurring mentorship meetings, documentation creation, and pair programming — directly leading to minimal ramp-up time before making large-scale, meaningful contributions to the team.

Software Engineer I | Growth Engineering

- Implemented Automated Transcription free trial — leading to 10% QoQ NPC growth.
- Developed data model change to support per-user pricing, directly enabling the sales team to sign enterprise clients for the first time in company history.
- Built a customer referral program, with a team of 5, to increase top of the funnel NPC conversion.

Software Engineer (Contract) | *Vinovest*   December 2021 — January 2022

- Built three fully responsive pages in the wine exchange Next.js application with React and Tailwind CSS.
- Created new user onboarding tutorial system to improve user experience and further understanding of the Vinovest wine exchange.
- Provided scalability recommendations for Next.js wine exchange application codebase, including component structure, centralizing shared business logic, and using NextAuth and Okta to support social login.

Systems Analyst | *Southwestern Energy*   2017 — 2018

- Decreased time spent managing team ticketing queue by 25% through PowerShell automation scripts.
- Developed dynamic inbound data integration process to enterprise applications through C#.NET apps and SQL Server-based mapping table.

EDUCATION

- Hack Reactor | Advanced Software Engineering Immersive   2018
- B.B.A, Management Information Systems | University of Texas at Austin   2017

PROJECTS (Hack Reactor)

- Built a web-based text editor and technical interviewing platform with GitHub integration, real-time collaboration editing and messaging, and REPL code execution environment.
- Created a voice-controlled note-taking platform using Rev.ai's speech-to-text API.

TECHNICAL SKILLS

- Languages: TypeScript, JavaScript, C#
- Front-end: React, Next.js, React Router, Tailwind CSS, Theme UI, LESS, Tachyons
- Back-end: .NET, SQL Server, Entity Framework, Redis, Node.js, Express
- Testing: Jest, React Testing Library, NUnit
- Project Management methodologies: Kanban, Agile
- Version Control: Git, VS Team Foundations Version Control (CVCS)