Zachary Fast

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PROFESSIONAL SUMMARY

Software Engineer with 4+ years of application development experience specializing in web technologies, database management, and Agile methodologies. Proven expertise in full-stack development, legacy system modernization, and secure coding practices. Strong background in requirements gathering, technical documentation, and team collaboration within enterprise environments.

WORK EXPERIENCE

Software Engineer | Socratic | Aug. 2022 – Apr. 2025 | Seattle, WA ● Developed and maintained web applications using React, TypeScript, HTML5, and CSS3 in Agile development environments ● Built scalable application architecture implementing secure coding standards to prevent SQL injection and cross-site scripting vulnerabilities ● Integrated RESTful APIs with PostgreSQL database operations, managing complex state flows and data optimization ● Participated in regular code reviews, providing constructive feedback and implementing improvement suggestions ● Collaborated with end-users on requirements gathering and change specification in team-based development ● Implemented Git version control ensuring code quality through CI/CD workflows and deployment automation ● Documented applications and procedures while providing technical support and troubleshooting issues

Freelance Web Developer | Self-Employed | May. 2021 – Aug. 2022 | Seattle, WA ● Delivered web applications using JavaScript, HTML5, CSS3, and modern frameworks with secure authentication using JWT tokens ● Worked directly with clients on requirements analysis, translating business needs into technical solutions ● Managed complete application development lifecycle using Agile methodologies for project delivery ● Implemented database integrations and optimized frontend performance across multiple projects

TECHNICAL SKILLS & QUALIFICATIONS

Frontend Technologies: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, state management (Redux, Context API)

Backend & Infrastructure: Python, Node.js, Express.js, RESTful APIs, PostgreSQL, MySQL, MongoDB, AWS, Vercel, Git/GitHub source control, CI/CD workflows, secure coding practices, SQL injection prevention, cross-site scripting (XSS) mitigation, authentication systems (JWT, OAuth)

Professional Capabilities: Agile methodologies, code review processes, technical documentation, requirements gathering and analysis, application troubleshooting, user support, team collaboration, full-stack development lifecycle, legacy system modernization