Zephyr Quill

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Experienced Full Stack Developer with 7+ years in web and mobile application development. Proficient in JavaScript, Python, and Ruby. Skilled in cloud technologies, microservices architecture, and DevOps practices. Passionate about creating scalable, user-centric solutions and mentoring junior developers.

Work Experience

Senior Full Stack Developer | TechInnovate Solutions Feb 2022 - Present

- Architected and implemented a microservices architecture using Node.js, Docker, and Kubernetes, improving system scalability by 60%. Designed a robust API gateway using GraphQL to streamline data fetching and reduce network overhead.
- Mentored a team of 5 junior developers, focusing on best practices in code quality, test-driven development, and CI/CD pipelines. Introduced pair programming sessions and code reviews, resulting in a 50% reduction in production bugs.
- Spearheaded the development of a cloud-based project management tool, resulting in a 40% increase in team productivity. Implemented real-time collaboration features using WebSockets and designed a intuitive UI with React and Material-UI, leading to a 95% user satisfaction rate.

Full Stack Developer | DataDrive Systems Jun 2019 - Jan 2022

- Developed and maintained multiple RESTful APIs using Django and Django Rest Framework, serving over 100,000 daily active users. Implemented JWT authentication and role-based access control to ensure data security.
- Optimized database queries through indexing, query optimization, and the strategic use of database views, reducing average response time by 35% and improving overall application performance.
- Implemented automated testing strategies using pytest and Selenium, increasing code coverage from 60% to 90%. This led to a 70% reduction in regression bugs and significantly improved release cycle times.

Junior Web Developer | WebCraft Solutions Sep 2017 - May 2019

- Contributed to the front-end development of e-commerce platforms using React and Redux. Implemented features such as real-time inventory updates, dynamic product filtering, and an optimized checkout process, resulting in a 25% increase in conversion rates.
- Collaborated with UX designers to implement responsive designs, enhancing mobile user experience. Utilized CSS Grid and Flexbox to create fluid layouts that improved mobile traffic engagement by 40%.

Web Development Intern | CodeCraft Academy May 2017 - Aug 2017

- Assisted in the development of the company's internal dashboard using Vue.js and Express.js.

Education

Stanford University, Stanford, CA, USA Sep 2013 - Jun 2017
Bachelor of Science in Computer Science

Graduated with honors from the School of Engineering. Completed a capstone project on "Artificial Intelligence in Healthcare: Predictive Analytics for Patient Outcomes". Active member of the university's Robotics Club, participating in national competitions.

Open Source Projects

DevToolKit | Project Lead *Project Link:* github.com/zquill/devtoolkit

- Developed DevToolKit, an open-source collection of developer productivity tools (2000+ stars, 1500 unique cloners monthly).
- Implemented advanced features including:
  - An AI-powered code generator that suggests completions based on project context and coding patterns.
  - A customizable linter that integrates with popular IDEs and supports multiple programming languages.
  - A performance analysis tool that identifies bottlenecks in web applications and suggests optimizations.
- Utilized Python for backend logic and JavaScript for frontend components, ensuring cross-platform compatibility.

React Native (Facebook) | Contributor *Project Link:* github.com/facebook/react-native

- Contributed to the React Native framework, with over 30 merged pull requests addressing various aspects of the framework.

Skills

Languages: JavaScript • Python • Ruby • Java • TypeScript • SQL
Frameworks & Libraries: React • Node.js • Express.js • Django • Ruby on Rails • Vue.js • Angular • Flask • Redux • GraphQL
Tools & Technologies: Git • Docker • Kubernetes • AWS • Google Cloud Platform • Jenkins • Terraform • MongoDB
Methodologies & Practices: Agile/Scrum • Test-Driven Development • Continuous Integration/Continuous Deployment