Yusuf Alp

Software Engineer
San Francisco Bay Area (open to relocation)

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LinkedIn • GitHub • Website

An educator turned software engineer with 4 years of full-stack experience. Proven track record of saving over $1M in operational costs, increasing user success rates by 25%, and delivering solutions to global users.

SKILLS

JavaScript, TypeScript, React, Node.js, Express, Python, Java, .NET, PostgreSQL, MongoDB, AWS, CI/CD, REST API, GraphQL, Unit and Integration Testing, Cypress, Jest, HTML, CSS, Git, GitHub

EXPERIENCE

CodeSquad, Boston, MA (Remote, Part-time)   Oct 2022 – Present
Lead Software Development Mentor
- Managed a team of 5 members to deliver full-stack technology courses in JavaScript, React, Node, Express, and MongoDB to annual cohorts of 20 students
- Led the modernization of the legacy code of an education application, introducing React and Vite with key concepts like asynchronous programming and state management
- Developed an application leveraging Node and Express that enabled tracking of student milestones and mentor communication, increasing student success by 25% over six months

Pariveda Solutions, San Francisco, CA   Mar 2022 - Aug 2023
Software Engineer II
- Developed a radio tower management application using .NET, Vue, and JavaScript, strategically saving over $1M by eliminating redundant equipment purchases
- Improved the scalability of microservices architecture by optimizing SQL queries, enhancing the performance of 1000+ radio frequency engineers nationwide
- Enhanced testing efficiency by increasing test coverage to 95%+ through unit and integration tests using Cypress, reducing production errors and maintenance overhead

Software Engineer I   Jul 2021 - Mar 2022
- Reduced customer support costs by 30% and wait times by 70% by developing a chatbot with Java, Spring Boot, React, and JavaScript, serving 75,000 user requests daily
- Integrated Natural Language Processing to support localization, internationalization, and translation, enabling functionality in over 25 languages and countries

BayTech and **LPS Charter Schools**, Oakland, CA   Oct 2011 - Jul 2020
High School Teacher (Computer Science, Statistics, Mathematics)

EDUCATION

Thinkful   Certificate in Software Engineering
Walden University   Master of Science in Education - Teacher Leadership
Abant Izzet Baysal University   Bachelor of Science in Mathematics