

Yusuf Alp

Software Engineer

(510) 520-1382 | alpyusuf007@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Educator turned software engineer with 3 years of experience specialized in full stack development and skilled in leading cross-functional teams to deliver high-quality solutions. Innovating with limited means resulting in helping teams save over \$1M in operations costs.

SKILLS

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

WORK EXPERIENCE

Pariveda Solutions, San Francisco, CA

Jul 2021 - Aug 2023

Software Engineer II

- Developed, built and maintained a radio tower management application using .NET, Vue and Javascript, strategically saving over \$1M through the elimination of redundant equipment purchases and significantly boosting productivity for the operations team
- Improved the scalability and reliability of mission-critical applications and microservices in production, directly impacting over 1000 radio frequency engineers, by optimizing SQL queries
- Enhanced team proficiency resulting in an impressive test coverage of over 95% by writing, reviewing and maintaining code in Cypress, inclusive of rigorous unit and integration tests
- Pioneered the implementation of a comprehensive software development life cycle and advised product owners and team leads on technology-related business problems and coding best practices

Software Engineer I

- Promoted to Software Engineer II after reducing customer support costs by 30% and wait times by 70% with chatbot serving 75,000 user requests daily using Java, SpringBoot, React, and JavaScript
- Implemented Natural Language Processing to ensure proper implementation of localization, internationalization, and translation support for live chat service over 25 languages

Code Squad, Boston, MA (Remote)

Oct 2022 – Present

Lead Teaching Fellow and Software Developer

- Managed a team of 5 teaching fellows to deliver immersive full-stack technology courses in JavaScript, React, Node, Express, and MongoDB to a cohort of 20 people
- Pioneered the successful integration of an expansive full-stack application into the curriculum and introduced React to the program encompassing key concepts such as asynchronous data management, state management, and routing
- Designed, developed and maintained an internal tool to keep track of student progress, including meetings with mentors, coaches and job tracking

VOLUNTEER EXPERIENCE

Women Who Code, San Francisco, CA

Sep 2020 – Present

Software Development Mentor

- Guided and inspired through the facilitation of JavaScript, React, AI, data structures, and algorithm study groups of over 20 people both in-person and remote
-

PREVIOUS WORK EXPERIENCE

Leadership Public Schools, Oakland, CA

Aug 2018 – Jul 2020

Statistics Teacher and Testing Coordinator

- Curated and taught college Statistics course in partnership with the College of Alameda, surpassing expectations with a 96% success rate, outperforming the average of 68%
- Analyzed exam data and equipped 20 teachers in areas of data usage and action plan creation, resulting in an increase in the test participation rate to at least 95%
- Personalized academic plans for each student based on transcripts, assessment data, post-secondary goals, and progress
- Oversaw and tracked school-wide internal and external exams for over 400 students

Bay Area Technology School, Oakland, CA

Oct 2011 – Jul 2018

Mathematics and Computer Science Teacher

- Led a bi-weekly collaboration with the instructional team, orchestrating a successful increase in Math scores from an 11% to a 34% success rate. Simultaneously, orchestrated a surge in English proficiency from 15% to a 33% score
 - Developed and instructed computer science programming courses diving deep into HTML, CSS, JavaScript, and advanced realms of data structures, algorithms, programming design, computer systems, and networking
-

EDUCATION

Thinkful | Certificate in Software Engineering

Walden University | Master of Science in Education - Teacher Leadership

Abant Izzet Baysal University | Bachelor of Science in Mathematics