# Yusuf Alp

*Software Engineer*

**(510) 520-1382 | alpyusuf007@gmail.com | LinkedIn | GitHub**

## SUMMARY

Result-oriented software engineer with a proven track record in building robust systems. Skilled in full-stack development with experience in frontend, backend and database technologies. Passionate about building high-impact, high-performance, and high-quality products. Committed to delivering well-tested products with a user-centric focus.

## SKILLS

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

## WORK EXPERIENCE

**Pariveda Solutions**, San Francisco, CA                    Jul 2021 - Aug 2023
*Software Engineer II*
- Developed a radio tower management application, strategically saving over $1M through the elimination of redundant equipment purchases and significantly boosting productivity for the operations team
- Improved the scalability, reliability, resiliency, extensibility, and accessibility of mission-critical applications and microservices in production, directly impacting over 1000 radio frequency engineers, making daily operations more efficient and user-centric
- Optimized team proficiency and resulting in an impressive test coverage of over 95%, 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*
- Developed full-stack features and design for a chatbot technology using Java, SpringBoot, React, and JavaScript that serves 75,000+ user requests per day, resulting in a 30% reduction in support costs and a 70% decrease in wait times
- Implemented Natural Language Processing to ensure proper implementation of localization, internationalization, and translation support for over 25 languages and countries

**Code Squad**, Boston, MA (Remote)                    Oct 2022 – Present
*Lead Teaching Fellow and Software Developer*
- Pioneered the successful integration of an expansive full-stack application into the curriculum and marked a milestone by introducing React to the program encompassing key concepts such as React Hooks, props, asynchronous data management, state manipulation, and routing
- Managed a team of 5 teaching fellows to deliver immersive full-stack technology courses in JavaScript, React, Node, Express, and MongoDB to cohort of 20 people in 24 weeks.
- Fostered a collaborative and supportive learning environment, ensuring everybody received a comprehensive and engaging educational experience

## 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
- Cultivated dynamic and business-centric learning spaces, driving skill development and fostering a culture of knowledge exchange

## PREVIOUS WORK EXPERIENCE

**Leadership Public Schools**, Oakland, CA                               Aug 2018 – Jul 2020
*Statistics Teacher and Testing Coordinator*
- Crafted and delivered a college Statistics course in partnership with the College of Alameda to dual-enrolled high school seniors, surpassing expectations with a 96% success rate, outperforming the average of 68%
- Analyzed data and equipped teachers in areas of data usage and created action plans, resulting in an increase in the test participation rate to at least 95%
- Developed, reviewed and regularly updated personalized academic plans for each student based on students' transcripts, assessment data, post-secondary goals and their progress
- Organized, planned and managed school-wide internal and external exams and maintained accurate, relevant and complete testing history

**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 triumphant ascent in Math success from a 11% to a 34% success rate. Simultaneously, orchestrated a surge in English proficiency from 15% to a 33% success rate
- Developed and conducted computer science programming curriculum 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's of Science in Education - Teacher Leadership

**Abant Izzet Baysal University** | Bachelor's of Science in Mathematics