MASOOD SAAED

Full Stack Software Engineer

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• San Francisco Bay Area, CA

Summary

Software Engineer with 3+ years of experience leading end-to-end software development and testing initiatives, specializing in full-stack applications, hardware automation, and efficient software solutions. Proven track record managing projects independently, driving process improvements, and consistently delivering measurable results, including significant revenue growth and performance enhancements.

Education

California Polytechnic State University - San Luis Obispo	San Luis Obispo, CA
B.S. Computer Science	09/2014 - 03/2020
App Academy	Online
Full Stack SWE Training	04/2023 - 09/2023

PROFESSIONAL EXPERIENCE

Micross STS — Milpitas, CA
Software Engineer II — 05/2024 - Present

A leading testing facility that provides advanced solutions in environmental and electrical testing, specialty packaging, and comprehensive reliability testing for components and boards.

- Enhanced productivity and improved resource management by streamlining processes with full-stack applications.
- Engineered automated testing solutions for electrical ASICs using SCPI commands, significantly reducing manual testing time and improving accuracy.
- Collaborated closely with hardware engineers, ensuring seamless integration of physical testing setups and achieving 83% reduction in test operation time.
- Independently managed customer projects end-to-end, from initial engineering through delivery, generating over $100K in net revenue.

Study.com — Mountain View, CA
Associate Software Engineer In Test — 09/2021 - 03/2023

An educational technology company focused on making education accessible for all.

- Automated web page analytics data collection, enhancing feature deployment speed.
- Coordinated testing across two feature teams, boosting product quality and reducing overhead.
- Maintained automated tests, significantly reducing critical software defects.
- Led integration testing for new features, resulting in fewer post-release bugs.

Paragon — Remote
Mobile Software Engineer — 03/2021 - 08/2021

A software startup app that matches creatives with other passionate, skilled users to realize their goals/projects/ambitions.

- Integrated Firebase for user authentication, enhancing security and user experience.
- Designed front-end solutions with React-Native, ensuring efficient and maintainable code.
- Communicated with Software Lead to ensure timely delivery of project goals.
- Proposed and implemented features that enhanced application functionality.

Blacktop Government Solutions — Washington D.C.
Junior Software Engineer — 06/2020 - 08/2020

Contract role at an engineering contracting company providing software solutions to meet the government's need.

- Led a team of 7 interns in developing real-time threat detection technology using AI and AWS.
- Developed an AI-powered threat detection program and managed user data with SQLite.
- Consistently met project deadlines and contributed to the project's successful completion.

TOOLBOX

Languages: JavaScript · Python · Java · SQL · C/C#

Frameworks & Tools: React · Node.js · Express · Flask · Redux · Selenium · Jenkins · Jira · Scrum

Hardware & Protocols: NI VISA · SCPI · Hardware Automation