

MASOOD SAAED

Full Stack Software Engineer

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San Francisco Bay Area, CA

PROFESSIONAL EXPERIENCE

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

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

- Developed full-stack web applications on the company's intranet to streamline internal processes, leading to enhanced productivity and better resource management.
- Engineered automated testing solutions for electrical ASICs using SCPI commands, significantly reducing manual testing time and improving accuracy.
- Collaborated closely with hardware engineers to integrate software automation with physical testing setups, ensuring seamless operation and reliable data acquisition.

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

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.

Software Engineer 03/2021 - 08/2021
Paragon Remote

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

- Integrated Firebase Responsible for integration with 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.

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

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

- 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

React · SQL · Javascript · Node.js · Express Framework · Python · Flask · Java · C/C# ·
OOP · Jira · Scrum · Jenkins · Object-Oriented Programming · Selenium Testing · Redux ·
NI VISA · Hardware Automation (SCPI)



EDUCATION

B.S. Computer Science
California Polytechnic State University - San Luis Obispo
09/2014 - 03/2020
San Luis Obispo, CA

Full Stack SWE Training
App Academy
04/2023 - 09/2023 Online

SOFTWARE PROJECTS

Medium Light

09/2023 - Present
GitHub
Live Site

Developed 'Medium Light,' a web platform blending 90s web charm with modern features from Medium, AIM, 4chan, and Reddit. Handled full-stack development using React and Python Flask. Fully deployed using Render.

- End-to-end full stack development for Medium Light
- Fully deployed using Render
- Technologies Used: React, Flask, PostgreSQL

The Meetup

07/2019 - Present
GitHub
Live Link

Created 'The Meetup,' an interactive website for discovering, forming, and managing interest-based groups and events. Handled full-stack development with Express and React. Fully deployed using Render.

- Solely designed and developed The MeetUp
- Fully deployed using Render
- Technologies Used: React, Express, PostgreSQL