

WAMEEDH M. ALI

SOFTWARE ENGINEER

CONTACT

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SUMMARY

Driven Software Engineer with over 5 years of experience and a strong background in front-end development and a focus on creating maintainable, scalable codebases. Adept at leveraging modern frameworks, state management solutions, and cloud services to improve performance and user experience. Passionate about mentoring teams, refining processes, and continuously learning emerging technologies.

PROFESSIONAL EXPERIENCE



LVIS
Senior Frontend Engineer | Mar '22 - Sep '24

- Spearheaded the migration to Vue.js 3, enhancing the application's reactivity system and performance, leading to a 20% decrease in load times.
- Developed a refactoring plan for the frontend team that resulted in increasing the maintainability of our project and saving 500+ FTE hours a year.
- Collaborated with backend engineers to architect and implement a robust, WebSocket-driven notification system, reducing alert latency by 30% and enhancing user responsiveness, ultimately increasing user engagement with critical events.
- Implemented a complex, real-time EEG live-streaming feature for Cadwell devices, enabling instant monitoring of patient signals and reducing diagnostic delays, ultimately improving medical staff efficiency and patient care quality.
- Engineered a PHP-based backend service to automate user onboarding and organization creation, seamlessly integrating Stripe for dynamic, usage-based billing. This eliminated manual billing adjustments, improved revenue accuracy, and enhanced the user experience by ensuring customers were charged the correct amount in real-time.
- Collaborated with the WebGL team to architect and integrate a 3D EEG data visualization engine into the frontend, enabling clinicians to interpret complex brain signals more intuitively and reducing diagnostic review times by an estimated 20%.



PULSE42
Full Stack Software Engineer | June '21 - Jan '22

- Developed a reusable component library leveraging React hooks, reducing code duplication by 30% and enabling faster feature rollouts.
- Created interactive data visualization components using Chart.js and MUI, enhancing data clarity and improving user decision-making processes.
- Conducted comprehensive design reviews to address edge cases, reducing post-release defects by 20% and improving overall product reliability.
- Presented refined front-end designs to stakeholders, securing timely approvals and decreasing project delays by 10%.

SKILLS

Front-end
React Vue.JS Vuex SwiftUI Axios Redux Selenium

Back-end
NodeJS Express AWS MySQL REST API

Languages
JavaScript TypeScript Swift Java Python C C++ Ruby

Tools
Git GitHub Bitbucket Agile Methodology Figma


PROJECTS



MAFIOSO
IOS ENGINEER

Frontend: Swift, SwiftUI

Backend: NodeJS, Google Firebase



DEADBUILDLCK.COM
FULL STACK ENGINEER

Frontend: TypeScript, React, Redux

Backend: Python, Postgres, Supabase, AWS

AI: Amazon Bedrock, Llama3.2

EDUCATION



SAN FRANCISCO STATE UNIVERSITY
Computer Science B.S. (GPA: 3.7)
Aug 2019 - May 2021