

# WAMEEDH M. ALI

SENIOR SOFTWARE ENGINEER

## CONTACT

-  408.614.6617
-  wameedh.wf@gmail.com
-  [git/wameedh](#)
-  [in/wameedh](#)
-  [wameedh.dev](#)

## PROFESSIONAL EXPERIENCE



LVIS

Senior Frontend Engineer | Mar '22 - Sep '24

- Spearheaded the migration from Vue 2 to Vue. 3:**
  - Adopted the Composition API to simplify complex components.
  - Refactored 200+ components** to leverage Vue.js 3 features.
  - Optimized state management using Tanstack Query.
  - Reduced load times by 20% and **improved scalability**.
  - Provided migration documentation**.
- Collaborated on architecting a WebSocket-driven notification system:**
  - Designed real-time WebSocket** communication protocols from scratch.
  - Introduced alerts with near-instant delivery, significantly **improving user responsiveness**.
  - Improved user engagement** with critical events.
  - Delivered detailed documentation** for the team.
- Engineered a PHP-based backend service for onboarding and billing automation:**
  - Automated dynamic billing with Stripe API, improving accuracy.
  - Eliminated manual adjustments, **saving time and reducing errors**.
  - Streamlined onboarding for new users.
- Collaborated on a 3D EEG data visualization engine:**
  - Developed a **WebGL-compatible data layer** for 3D visualization.
  - Reduced diagnostic review times **by 80%**.
- Added comprehensive unit tests for the project:**
  - Achieved 90% test coverage**, reducing bugs and improving reliability.
  - Introduced TDD practices to the team, **enhancing code quality**.



PULSE42

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

- Developed a reusable component library:**
  - Built **reusable components with React hooks** to reduce duplication by 30%.
  - Enabled faster feature rollouts and ensured **responsiveness across devices**.
- Created interactive data visualization components:**
  - Designed **responsive Chart.js and MUI-based components** for clear, actionable insights.
  - Improved user decision-making with intuitive **visualizations**.

## SKILLS

**Front-end** React Jest Next.js Vue.js Redux RTK Selenium Axios SwiftUI Storybook anstack Query Accessibility (Ailly) Internationalization (i18n) Security SSR SSG SPA MPA BFF PWA WebSockets SSE Feature flags CSS3 (SASS) HTML Tanstack TailwindCSS MUI Prisma

**Back-end** NodeJS FastAPI Express AWS REST API

**Databases** MySQL, PostgreSQL, MongoDB,

**Programming languages** JavaScript TypeScript Python HTML CSS

**Tools** CI/CD Git GitHub Bitbucket Agile Methodology Figma Linux

**AI** Open AI API RAG LLM fine-tuning Agentic AI Llama3.2

## 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



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