

MD AMRAN

Full-Stack Engineer | SaaS Systems Architect | Senior SQA Engineer

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PROFESSIONAL SUMMARY

Full-Stack Engineer and Senior SQA Engineer with 6+ years building multi-tenant SaaS platforms, ERP/CRM systems, and AI-powered applications. Deep experience across backend architecture, frontend engineering, REST API design, relational and NoSQL databases, and quality engineering. Proven track record integrating LLM/AI technologies (OpenAI, Claude, vector databases) into production SaaS systems, designing automated test frameworks, and leading/mentoring development teams. Focused on scalable architecture, clean maintainable code, and measurable business outcomes.

CORE SKILLS

- Backend: Node.js, AdonisJS, Express.js, Laravel
- Frontend: React.js, Vue.js, Angular, Nuxt.js, Ionic
- Databases: PostgreSQL, MySQL, MongoDB, pgvector, Pinecone
- Architecture: REST APIs, Multi-tenant SaaS design, ERP/CRM platforms, Microservices
- AI/LLM Integration: OpenAI API, Claude API, Vector search, RAG pipelines
- QA & Testing: Automated test frameworks, CI/CD pipelines, performance testing
- DevOps & Cloud: Docker, AWS, Azure, GCP
- Tools: Git, GitHub, Progressive Web Apps (PWA)

WORK EXPERIENCE

Senior SQA Engineer — Appifylab LLC

Nov 2025 – Present

- Lead QA strategy across SaaS and ERP/CRM platforms serving multiple client verticals.
- Design automated test frameworks covering Node.js, React, and Vue applications.
- Partner with engineering teams to enforce clean, maintainable, and bug-free code standards.
- Drive performance testing and CI/CD pipeline integration for large-scale systems.

Senior Software Developer — YO Tech Limited

Aug 2023 – Oct 2025

- Spearheaded development of the company's flagship SaaS website and ERP modules.
- Designed and implemented scalable REST APIs and backend systems from the ground up.
- Integrated modern frontend/backend frameworks while adhering to industry best practices.

Mentor, IT Team — Lehoa

May 2022 – Present

- Guide developers in building SaaS web applications using Vue, Nuxt, and Express.js.
- Uphold high standards of performance, scalability, and user experience across projects.

Senior Software Engineer — Appifylab LLC

May 2023 – Jul 2023

- Specialized in AdonisJS, Laravel, Vue, React, and DevOps practices.
- Contributed to architecture design and deployment of SaaS applications.
- Provided technical leadership and mentorship to junior developers.

System Developer — Human Capital Group WLL

Aug 2021 – Feb 2023

- Developed ERPNext-based SaaS solutions for HR and business management functions.
- Built Progressive Web Applications supporting both web and mobile platforms.
- Delivered efficient, user-friendly ERP/CRM experiences for enterprise clients.

Software Developer — YO Tech Limited

Sep 2020 – Jul 2021

- Built secure, scalable web applications using Angular, Node.js, and Express.js.
- Implemented payment gateway integrations and optimized SaaS workflows.

Software Engineer — Appifylab LLC

Sep 2019 – Aug 2020

- Delivered full-stack development across multiple frameworks and database technologies.
- Ensured seamless integration of components across dynamic SaaS platforms.

EDUCATION

Bachelor of Science in Computer Science & Engineering (CSE)

Leading University, Sylhet, Bangladesh — 2015 – 2018

LANGUAGES

- Bengali — Native
- English — Professional working proficiency (strong written communication)