Yash Lalwani

Full-Stack Software Engineer

Bhopal, MP | +91 (917) 405-4636 | yashlalwani661@gmail.com | linkedin.com/in/yash-lalwani9 | github.com/codewithlalwani |

SUMMARY

Full-Stack Software Engineer with 2 years of experience shipping production web applications end to end using Next.js, TypeScript, Node.js, Django, and AWS. Built multi-tenant serverless systems serving 10+ domains and AI-powered features on Azure OpenAI. Strong in system design, REST APIs, and performance optimization; 600+ LeetCode problems solved.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, Java, C++, SQL
Frontend: React.js, Next.js (SSR/SSG), Tailwind CSS, HTML5, CSS3, Bootstrap, GSAP
Backend: Node.js, Express.js, Django, REST APIs, Microservices, JWT, RBAC, OAuth 2.0, Passport.js
Databases & Search: MySQL, PostgreSQL, MongoDB(NoSQL), Oracle SQL, Typesense
Cloud & DevOps: AWS (Lambda, API Gateway, S3, CloudFront, EC2, Route53), Cloudflare, Serverless, CI/CD, Git, GitHub (Version Control) , Docker
AI & Tooling: Azure OpenAI, LLM Integration, Prompt Engineering, Strapi CMS, PostHog, Postman
Core CS: Data Structures & Algorithms, System Design, OOP, DBMS, OS, Networking, Agile/Scrum

EXPERIENCE

Executive Software Developer, Empreus Technologies **May 2025 – Jun 2026**

Salestarget.ai (AI sales engagement platform)

- Improved API p95 latency by 30–60% by building a microservices-based web app (Next.js, TypeScript, React, Node.js, Express.js) with pagination and caching; secured access with JWT authentication and role-based access control (RBAC).
- Cut manual outreach effort by 60–90% by engineering an autonomous outbound engine (Node.js, Azure OpenAI) that generates and sends hyper-personalized email and LinkedIn sequences to prospects per day.
- Reduced lead-search time from minutes to seconds by building an AI lead explorer that converts natural-language queries into precise MySQL/Typesense filters across records.
- Reduced export-pipeline memory usage by 70–95% and eliminated out-of-memory failures on exports by rewriting the Node.js data export pipeline with streams.
- Enabled 2x faster content updates with zero developer dependency by building a headless CMS on Strapi and AWS S3 for marketing and product teams.

247compliance.com (multi-domain compliance platform)

- Reduced infrastructure cost by 50–80% and new-site launch time from days to under an hour by architecting a multi-tenant system that serves 10+ domains from a single AWS Lambda function with per-domain templates and a shared backend.
- Maintained [99.9]% uptime across 10+ production domains by deploying on AWS with Cloudflare DDoS protection and rate limiting.

Aquasolution.in

- Improved organic search ranking by 90% by building a fully responsive WordPress site optimized with Rank Math SEO.

Software Developer Intern, LRIT **Mar 2025 – Apr 2025**

- Delivered a role-based admin dashboard (Login, Register, Dashboard) in 4 weeks by building responsive React and Tailwind CSS components with owner-controlled access.

Software Engineering Intern, Bharat Heavy Electricals Limited (BHEL) **Jun 2023 – Jul 2023**

- Streamlined factory operations by developing a React Native mobile app integrated with an Oracle SQL database, cutting 55 manual reporting steps for 5 users.

Backend Developer Intern, Altruism Labs **Dec 2022 – Feb 2023**

- Enabled real-time visualization of 10+ JSON data sources by engineering an ingestion API and rendering the data as dynamic, interactive graphs.

PROJECTS

- Gmail Clone - A full-stack mailer with authentication, stored incoming messages, and SMTP email delivery.
- **Smart Contact Form —** Full-stack automated form and email tracker with AI smart replies, daily schedulers, real-time analytics, and MongoDB storage; reduced response time to inbound leads by 55%.
- **ShopStream —** Build an Ecommerce website leading team of 4 having features like add to cart, product page and product management page. Made using MERN Stack

EDUCATION

B.Tech, Computer Science & Engineering — Lakshmi Narain College of Technology (LNCT) | CGPA 8.16/10 **2020 – 2024**

CERTIFICATIONS & CODING PROFILE

Certifications: Full-Stack Web Development Bootcamp (9 months) · C++ & DSA (6 months) · DBMS · Cisco Networking Academy
Coding: 600+ LeetCode and 800+ total problems solved — leetcode.com/u/Rashmi_lalwani/