

Nawaz Akram Malik

SENIOR FULL-STACK & AI ENGINEER

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SUMMARY

Senior full-stack engineer with 8+ years building production web and mobile applications across TypeScript, React, Next.js, Node.js, and PostgreSQL. I own features end to end, from design through deployment and monitoring, and I use AI to deliver at the scope and speed of a whole team. Deep experience architecting AI-powered product features, integrating third-party APIs at scale, and driving cross-cutting platform migrations. I partner closely with product, design, and operations to ship software that moves real business metrics.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, Angular, React Native, HTML5, CSS3
- **Backend:** Node.js, Express.js, Nest.js, Python, PHP, RESTful APIs, GraphQL
- **Databases:** PostgreSQL, MongoDB, Redis, MySQL
- **Cloud & DevOps:** AWS, Google Cloud, CI/CD Pipelines, Git/GitHub, Docker
- **AI & Integrations:** OpenAI (GPT-4), Anthropic, RAG chatbots, Salesforce, Twilio, Onfido, Pardot, PandaDoc
- **AI Engineering:** BMAD, Claude Code, Superpowers, spec-driven & agentic development, TDD
- **Practices:** Agile (Scrum/Kanban), Code Review, Cross-functional Collaboration

EXPERIENCE

Full Stack Software Engineer - Edge Services and Solutions

June 2021 - Present

Tech Stack: TypeScript · React · Node.js · Python · PostgreSQL · AWS · Google Cloud · OpenAI · Anthropic

- Architected and shipped an in-product AI assistant essentially solo: a provider-neutral orchestrator (OpenAI and Anthropic) with 58 typed tools, streaming responses, role-scoped access, prompt-injection guardrails, and full audit logging.
- Laid the initial foundations for AI-driven talent screening (relevancy scoring and auto-rejection) that the product's now-advanced systems build on.
- Primary engineer for the time-off and attendance domain: customer, employee, and admin portals, per-country leave policy logic, clock-in and shift handling, timesheets, and automated approval jobs.
- Own features end to end across nine repositories and roughly 1,900 commits, from Postgres and Sequelize models to Redux-Saga React screens.
- Drove platform-wide migrations (Material-UI v4 to v9, JavaScript to TypeScript) and authored much of the shared, Storybook-tested component library.
- Built billing and payroll surfaces (Stripe onboarding, surcharges, Puppeteer payslip and invoice PDFs) and core plumbing: RBAC, feature flags, analytics, and cross-portal SSO.

MERN Stack Engineer - Drivelah

Jul 2022 - Dec 2022 (contract)

Tech Stack: MongoDB · Express.js · React · Node.js · RESTful APIs · Onfido SDK

- Implemented Onfido identity verification at scale, processing 300,000+ users across Singapore and Australia via selfie and driving-license checks.
- Resolved 100+ production bugs and re-architected the React app backend, cutting page load times 25-30% and lifting bookings 17%.
- Partnered with cross-functional teams on feature development and performance, driving a 20% increase in user engagement.

React Native & WordPress Developer - Unation

Sep 2021 - Mar 2022 (contract)

Tech Stack: React Native · WordPress · PHP · A/B Testing · SEO

- Redesigned company websites in custom WordPress and PHP, cutting bounce rate 25% and increasing page traffic 30%.
- Ran SEO and A/B testing programs, driving a 20% increase in organic traffic and a 15% lift in user-interaction metrics.
- Shipped an interactive ticket-booking system, improving user satisfaction 20% and completed transactions 10%.

Full Stack Engineer - Asasa

Jan 2018 - Feb 2020

Tech Stack: MongoDB · Express.js · React · Node.js · RESTful APIs · Agile

- Spearheaded end-to-end development of an inventory management system and an online marketplace with 360-degree virtual tours, reducing operational inefficiency 30%.
- Designed the company's first lead and inventory management system, improving data accessibility and decision-making 25%.
- Delivered multiple concurrent projects end to end, from requirements through production, lifting customer satisfaction 15%.

EDUCATION

Bachelors in Software Engineering - NUST, Islamabad

2016 - 2018

CERTIFICATIONS

- Data Analytics Professional Certification - Google
- The Data Science Course, Complete Data Science Bootcamp - Udemy
- Microservices with Node JS and React - Udemy