Moiz Shahid

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Summary

Full stack engineer who ships AI features to production: 3+ years building SaaS in TypeScript, React, Next.js and Node.js, including a CRM platform with 178 users and $100,000 in revenue, and led a front end team at SOCO Engineers. MSc Artificial Intelligence (Distinction), Queen Mary University of London; dissertation on detecting hallucinations in RAG.

Skills

Languages: TypeScript, JavaScript, Python, SQL, C++
Front End: React, Next.js, React Native, Material UI, React Query, Mapbox GL, Chart.js, Apache ECharts, Plotly
Back End: Node.js, Express, REST APIs, Socket.IO, Flask, MongoDB, PostgreSQL, Prisma, DynamoDB, Redis
Cloud and Tools: AWS, Microsoft Azure, Docker, GitHub Actions (CI/CD), Git, Twilio, Stripe, SendGrid
AI/ML: LLMs, RAG, Chroma, LLM evaluation, Prompt Engineering, OpenAI, PyTorch, TensorFlow, Hugging Face

Experience

REHQ **Nov 2025 – Present**
Full Stack Developer *Florida, US (Remote; part-time, then full-time)*

- Build an AI prospecting and CRM platform (178 users, $100,000 in revenue) as one of about six developers.
- Delivered the Twilio calling features (1,400+ calls a month): a power dialer through owner lists, call recording and transcripts, AI call summaries that create follow-up tasks, and live call updates over Socket.IO.
- Built map prospecting across 160M+ US properties on ATTOM and Regrid data, with parcel search, team lists and skip tracing, and email and SMS sequences sent from the user's own mailbox.
- Shipped self-serve onboarding and a freemium plan with Google and Microsoft SSO, a local Twilio number per user and Stripe upgrades, and rebuilt the CRM and the team dashboard.
- Implemented Google CASA security: CSRF protection, login rate limiting, admin OTP and schema validation.

Agencybox **Jun 2024 – Nov 2025**
Full Stack Engineer *Nevada, US (Remote, part-time)*

- Led the architecture and full stack build of TOW123, an on-demand roadside assistance platform: customer and provider apps in React and React Native on one Node.js, Express and MongoDB back end.
- Engineered live driver tracking and Uber-style matching of each request to the nearest available provider within minutes, with Redis caching the location queries, plus the dispatch board and provider reports.

SOCO Engineers **Mar 2024 – Jun 2025**
Software Engineer and Front End Team Lead *Munich, Germany (Full-time)*

- Led the front end team for SIMuSPACE, a simulation process and data management platform for a BMW research department, and rebuilt its whole front end from vanilla JavaScript to Next.js on Java and Python services.
- Built a data analytics tool where engineers pick simulation data and fields and get custom dashboards of Apache ECharts and Plotly plots; cut their load on large datasets from 8–9 seconds to under 2.5 with memoisation.

Clustox **Jun 2023 – Feb 2024**
Software Engineer *Lahore, Pakistan (Full-time)*

- Developed the AWS integration and real-time conversation of My Friend, an AI voice assistant for children built for 50+ concurrent sessions, using WebSockets, S3, DynamoDB and PostgreSQL.
- Used AWS Transcribe for AI transcription, prompt engineering to shape OpenAI replies, AWS Polly for the voice, and a Chroma vector store for each child's memory.

Consulting Projects

AlgoTracks, Technical Consultant (freelance, project-based) *London, United Kingdom*

- 121 Air Sea Cargo (Mar – Dec 2025): architected and led the build of a Dubai freight company's operations system: jobs, VAT invoices and audit log (Next.js, TypeScript, Express, PostgreSQL, Prisma).
- Jarvis and Career Buddy (2024): a lead tracker whose AI writes SMS and email campaigns and replies to leads, and an AI tutor with GPT lessons and quizzes, both built end to end (Next.js, Node.js, OpenAI).
- Landscape AI (2024): redesigns a backyard from one photo with Hugging Face image models behind a Flask API; handled the client relationship, tech stack choices and delivery.

Education

Queen Mary University of London **2025 – 2026**
MSc Artificial Intelligence, Distinction *London, United Kingdom*

- Dissertation: Detecting Natural Hallucinations in Local RAG. Built a local RAG pipeline, hand-labelled 345 claims, and showed that combining two LLM judge families with a span detector raised F1 from 26.1% to 38.1%.

FAST National University (FAST-NUCES), BSc Computer Science, Dean's List **2019 – 2023**

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900), 2023; HackerRank Frontend Developer (React), 2024; Prompt Engineering for ChatGPT (Vanderbilt University, Coursera), 2023.