

Imamuddin Shaik

Full Stack Developer | London, England, United Kingdom | +44 7342 149330 | imamshan369@gmail.com |
imamuddin-shaik.vercel.app/ | linkedin.com/in/shaik-imam | github.com/shaik-36

Education

University of Huddersfield	January 2024
Master's Computer Science GPA: 4	
Jawaharlal Nehru Technological University	July 2021
Bachelor's Mechanical Engineering GPA: 4	

Professional Experience

ZenithWave Capital	London, England, United Kingdom
Founding Software Engineer	February 2025 - July 2025
<ul style="list-style-type: none">Architected and deployed the company's public-facing site using Next.js 14, React 18 + Redux Toolkit, and Tailwind CSS, optimized for performance and accessibility, now serving 200+ learners.Used Builder.io and lovable for rapid, no-code landing page prototyping and seamless content updates by non-tech teams.Developed and maintained backend logic using Firebase Firestore, Rowy for visual data management, and Firebase Cloud Functions for custom workflows and secure form handling.Integrated Claude, OpenAI GPT-4, and Replit AI to enhance learning journeys, build chatbot interactions, auto-complete inputs, and dynamically populate student dashboards.Provisioned role-based Firebase Auth, assigning and publishing access to 200+ learners and staff, with admin overrides and audit logs.Stood up GitHub Actions CI/CD to Vercel with daily deployments along automation testing; integrated ESLint, Prettier, Playwright, Jest—cut release time from 2 days to 30 min.Implemented comprehensive testing frameworks including Playwright, Jest for robust end-to-end testing.Wrote a 25-page User & Design Guide covering data models, coding standards and troubleshooting steps.Authored concise README & inline JSDoc so team members could replicate local setup in < 10 min.Designed and implemented a scalable microservices architecture, resulting in a 40% reduction in system downtime and improving overall application performance by 30%.Designed and implemented a scalable database architecture that improved data retrieval speeds by 40%, resulting in a 25% increase in application performance.Developed and implemented a comprehensive testing framework that reduced software bugs by 40%, significantly enhancing product reliability and user satisfaction.	
Reality AI Lab	London, England, United Kingdom
Front-End Developer (Internship)	May 2024 - December 2024
<ul style="list-style-type: none">Designed a modular onboarding Welcome Screen with React.js and MUI, styled variants prototyped in LESS and Foundation CSS, boosting user engagement by 25%.Added custom React hooks and memoisation, improving render time by 35% (Chrome DevTools INP).Secured user login with Firebase Authentication, achieving 99.9% uptime while scaling for 10k+ users.Integrated AWS Lambda-backed REST API for profile data; wrote Postman tests and error-handling middleware.Collaborated with teams to integrate Next.js for server-side rendering, increasing SEO performance by 40%.Ported the Welcome flow to React Native (Expo) as a proof-of-concept, re-using 70% of existing React code for mobile.	

- Worked primarily with JavaScript, building and maintaining frontend features using React.js and component libraries.
- Assisted in developing scalable backend services using Node.js and Express.js, handling API requests.
- Participated in writing and debugging RESTful APIs, ensuring smooth communication between frontend and backend.
- Contributed to responsive UI development using Tailwind CSS, enhancing user experience across devices.
- Supported integration of JWT authentication for secure session management and user access control.
- Collaborated with senior developers to deploy apps on AWS and automate workflows via CI/CD pipelines.

Projects & Outside Experience

FlexyWork AI – AI Workforce Agent

www.flexyworkai.com | Startup Founder

- Built a fully functional MVP (MVP Ready and Planning for Start-Up) for an AI-powered workforce automation platform, now in active development for production rollout to enterprise clients in the security and healthcare sectors.
- Developed a FastAPI backend that manages AI-driven outbound voice/SMS confirmations using Twilio—detects voicemail, parses SMS replies, and updates MongoDB shift statuses in real time.
- Created a modern React + Vite dashboard with Tailwind CSS using builder.io and lovable, animated shift tables, inline CRUD, Excel uploads, and a “Stop Calling” safety mechanism and reduced manual shift confirmation efforts by 60%.
- Used Claude and Replit AI to rapidly iterate backend agent scripts (call workflows, error handling) and generate test data for realistic shift scenarios.
- Used Builder.io to mock and test low-code components like onboarding steps and admin control panels for faster stakeholder reviews.
- Secured REST APIs with JWT/CORS, stored immutable Twilio call/SMS metadata for audit compliance, and logged every SID/timestamp for payroll reconciliation.
- Implementing OpenAI GPT-4 for smart inbound query handling—staff can ask natural questions like “Do I have a shift tomorrow?” with instant, contextual responses via a custom RAG pipeline.

Twitter Clone

Full Stack Developer

- Developed a full-stack Twitter clone with a Next.js frontend and a Node.js GraphQL backend using Prisma ORM.
- Implemented Google OAuth authentication that verifies tokens and issues JWTs through the backend resolvers.
- Styled responsive UI components with Tailwind CSS and React Icons, optimizing for desktop and mobile users.
- Created Apollo Server APIs for user actions and utilized GraphQL Codegen to generate typed client queries.
- Managed user data with PostgreSQL migrations via Prisma, enabling tweet posting and follow/like features as outlined in project roadmap.

Chat Buddy

Full Stack Developer

- Built a full-stack real-time chat application with a React frontend and Node.js backend using Express and Socket.IO.
- Integrated Web Socket-based messaging for instant one-to-one and group chat with delivery acknowledgments and typing indicators.
- Implemented JWT-based authentication and session handling with secure MongoDB storage for users and message history.
- Designed a responsive UI with Tailwind CSS, enabling seamless usage across desktop and mobile devices.
- Structured scalable backend logic to support real-time events, persistent chat logs, and future media-sharing enhancements.

Skills

ASP.NET · AWS · Business Analytics · C# · Django · Docker · Express.js · Firebase · Flask · Git · Google Cloud Platform · GraphQL · Java · Javascript · Jest · Machine Learning · Matlab · Microsoft Azure · MongoDB · MySQL · Node.js · Pandas · Playwright · Postman · Python · React Native · React.js · REST APIs · SEO · TypeScript · UI/UX Design · Vercel · Web Development · FastAPI · HTML/CSS · Excel/Numbers/Sheets · backend development · full stack development · LLM · Prompt Engineering

About

Engineered and deployed scalable full stack solutions using Next.js, React, Firebase, and Node.js, driving a 6x faster release cycle and serving 200+ active users with role-based access and AI-powered features. Spearheaded end-to-end testing frameworks and CI/CD automation, enhancing code quality and deployment efficiency. Experienced in integrating cutting-edge AI tools and optimizing frontend performance, delivering measurable improvements in user engagement and SEO.