

Shaikh Mohammed Shahnawaz Hussain

Full Stack Developer

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🐙 GitHub | 🔗 LinkedIn | 🌐 Portfolio

Immediate Joiner — Own Visa (Self-Sponsored)

Summary

Full Stack Developer with 3.5+ years of experience in building performant, scalable, and user-centric web applications. Strong expertise in both frontend (React.js, Next.js, Tailwind CSS) and backend (Node.js, Express.js, Python Flask) technologies. Proven ability to design end-to-end solutions, optimize system performance, and deliver value in agile, fast-paced environments across domains like EdTech, HealthTech, and Retail.

Skills

Frontend: React.js, Next.js, HTML5, CSS3, JavaScript, TypeScript, Redux Toolkit, Redux Thunk, Context API, Tailwind CSS, Material-UI

Backend/APIs: Node.js, Express.js, Python Flask, REST APIs, AWS Lambda, API Gateway

DevOps/Cloud: AWS (EC2, S3, Lambda, DynamoDB, API Gateway), Firebase, GitHub Actions (CI/CD)

Database: PostgreSQL, MySQL, DynamoDB

Tools/Others: Git, GitHub, Postman, Jira, Pytest, Figma, Linux, Shell Scripting

Work Experience

Product Engineer – Ganit Inc. 🌐

Chennai, India

Nov 2023 – Aug 2025

- Designed the frontend architecture and built the UI from scratch for a claim digitization platform for Care Health Insurance using React.js, Redux Thunk, Tailwind CSS, and Material-UI.
- Developed and integrated backend APIs with optimized workflows using Node.js and PostgreSQL to support large-scale document processing.
- Built a high-performance document viewer with LRU caching and prefetching, reducing load times by 70%.
- Created CI/CD pipelines using GitHub Actions for automated testing and deployment of internal tools.
- Supported Wipro Consumer and Lighting dashboard across 5 countries; developed full stack dashboards using React.js, Node.js, and MySQL.
- Collaborated with cross-functional teams to optimize Google BigQuery queries and backend data flows, reducing scanned data per query from 3GB to 200–300MB using partitioning, clustering, and query refactoring—achieving a 90% reduction in GCP infrastructure costs.
- Build multiple .sh shell scripts to automate manual tasks, such as clearing large files generated by build failures, cache management for enterprise dashboards.
- Contributed to a document-sharing platform by developing frontend modules and integrating backend endpoints in collaboration with distributed teams.
- Led development of several sections of the internal company website using Next.js, TypeScript, and Context API, and automated HR reporting pipelines with Express.js and PostgreSQL.

Software Developer – Reach And Teach Learning Solutions 🌐

Mumbai, India

Jan 2022 – Nov 2023

- Led end-to-end development of a modular CRM frontend using React.js, Redux, and Material-UI; implemented shimmer loaders, filters, and sorting to enhance UX.
- Built pagination for dashboard APIs on the backend to support scalable data retrieval and improved client performance.
- Designed and integrated a push notification system using Service Workers (frontend) and AWS Lambda + Flask (backend), improving lead response rates.

- Developed high-performance backend APIs for analytics using AWS Lambda and Flask; optimized frontend API calls for speed and accuracy.
- Built a dynamic form-rendering engine powered by database schemas to support real-time customization of client workflows.
- Automated ETL workflows to extract data from email and website databases into Excel and scheduled cron jobs to load the processed data into CRM databases, while also implementing automated daily email alerts for inbound leads from Facebook and Instagram, ensuring timely and synchronized enterprise reporting.
- Supported CRM adoption by major clients including BCG School through tailored demos, agile delivery, and rapid feedback cycles.

Education

Bachelor of Science (B.Sc.) in Information Technology	<i>Mumbai University, India</i>	<i>2017 – 2020</i>
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Awards

Best Team Award – Ganit Inc. 	Dec 2024
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