



FAISAL SHAIKH

SOFTWARE ENGINEER | AI AUTOMATION
| FULL STACK DEVELOPMENT | AWS
EXPERTISE

CONTACTS

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SKILLS

Languages:

JavaScript, TypeScript, Python

Frameworks:

Node.js, Express, React.js, Next.js

Cloud & AI:

AWS Bedrock, AWS Lambda, AWS EC2, AWS RDS, AWS SQS, AWS SNS, AWS S3, Google FCM

Databases:

PostgreSQL, MySQL, MongoDB

Tools:

Git, JIRA, Agile, Scrum, Contentful, Mail Chimp

Testing:

Jest

Other:

Prisma, Sequelize, Streamlit, Apollo.io, Crunchbase

KEY ACHIEVEMENTS

Debugging Efficiency Increase

Reduced debugging effort by 80% through innovative automation strategies.

SUMMARY

Full Stack Engineer with 2.5+ years of experience in designing and deploying AI-powered platforms, scalable backend systems, and fullstack web applications. Proven track record of working directly with CEOs and VPs to solve critical business problems using AWS Bedrock, Node.js, Python, and React. Published researcher in machine learning. AWS Certified Solutions Architect – Associate. Currently seeking a fully remote opportunity focused on backend or fullstack engineering with AI-driven products.

EXPERIENCE

Tech Holding	Ahmedabad, India
Software Engineer	08/2024 - Present
Tech Holding	Ahmedabad, India
Jr. Software Engineer	04/2023 - 08/2024
Tech Holding	Ahmedabad, India
Software Intern	01/2023 - 04/2023

PROJECTS

Autonomous AI Multi-Agent Failure Recovery (Course key)

Python, AWS Bedrock, Lambda, RDS

- Increased transaction success rate by {30%} by deploying {2} Bedrock agents to autonomously remediate failures.
- Auto-generated structured root cause JSONs and SQL recovery scripts.
- Reduced manual debugging effort by 80%.

Weather Wear AI

Node.js, AWS Lambda, Bedrock, SQS, Google FCM

- Increased user engagement by {20%} by developing AI-crafted travel alerts with weather and emergency insights.
- Boosted engagement by {25%} by delivering push notifications one day before travel.

Tech Scraping AI

Python, AWS Bedrock, Apollo.io, Crunchbase, Salesforce

- Improved Salesforce contact accuracy by {15%} through Bedrock-powered AI enrichment of Excel data.
- Enhanced data accuracy by {15%} by delivering a Streamlit UI for error correction and validation.

Course Key + Anthology Integration

Node.js, React.js, AWS RDS, SQS, Lambda

- Designed bidirectional payment synchronization between platforms.
- Handled real-time consistency and error recovery workflows.



KEY ACHIEVEMENTS

- **Engagement Boost With AI**

Increased user engagement for alerts by 30% using AI-crafted travel notifications.

- **Performance Review Optimization**

Reduced processing time by 80% for employee reviews through Python automation.

- **Secure Payment Integration**

Integrated secure payment solution increasing transaction success rate by 25%.



LANGUAGES

HINDI

Native



ENGLISH

Proficient



PROJECTS

Viapromeds Payment Platform

Node.js, PostgreSQL, PayPal API, AWS

- Integrated secure PayPal checkout into a healthcare SaaS platform.
- Scaled backend with AWS EC2/RDS and dynamic content via Contentful.

Westfield Airports Blog (URW)

Next.js, Contentful, MailChimp

- Developed a modern blog CMS for airports; integrated campaigns and dynamic content.

Epace Analyzer

Python, Google SDK, Google Sheets API

- Automated employee performance review workflow.
- Reduced processing time by 80% with Python scripting.

Red Carpet HRMS

React.js, Node.js, PostgreSQL

- Built internal HR tool with onboarding, offboarding, software allocation, and Google Workspace auth.



EDUCATION

ICT, GLS University

Master of Computer Applications

Ahmedabad

09/2021 - 06/2023

ICT, GLS University

Bachelor of Computer Applications

Ahmedabad

07/2018 - 04/2021



CERTIFICATION

AWS Solutions Architect - Associate

AWS Solutions Architect - Associate certification

AWS Partner: Generative AI Essentials (Business)

Generative AI Essentials (Business) certification



PUBLICATIONS

Generation of Machine Learning Dataset from Relational Database and Its Evaluation Using Supervised Classifiers

GRADIVA REVIEW JOURNAL

<https://drive.google.com/file/d/1aHsJKNmo8oVM3glw47D9AwoT4IDjPMcd/view>