

Mohd Saad Shaikh

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TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, TypeScript, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, Flask, Django

AI/ML: LangChain, Llama 3, TensorFlow, PyTorch

Cloud & DevOps: Docker, Kubernetes, AWS, Google Cloud Platform, Linux, Shell Scripting, System Administration

Databases: MongoDB, MySQL, PostgreSQL, SQLite, Redis

Developer Tools: Git, GitHub, Postman, VS Code, Jira, Chrome Extensions

EDUCATION

MS Ramaiah Institue of Technology

Bangalore, Karnataka, India, 560054

Bachelor of Engineering in Electronics and telecommunication

2021-2025

EXPERIENCE

Fullstack Developer

Dec 2025 - Present

I2Global Virtual Learning

Bangalore, India

- Contributed production-ready features across core Next.js + FastAPI codebases after analyzing 700+ lines of code to understand architecture and data flow.
- Handled multiple Jira tasks involving UI tweaks, API integrations, and minor code refinements, contributing steadily to sprint development.

Backend Developer Intern

Apr 2025 - May 2025

Codtech IT Solutions

Remote

- Developed and optimized RESTful APIs using Node.js and Express for backend projects, improving response times by 40% and enhancing overall backend performance.
- Integrated secure user authentication and data validation mechanisms, reducing backend errors by 50% and increasing the reliability of project deployments.

PROJECTS

NoteSpot – Minimal & Modern Notes App | *Next.js, FastAPI, MongoDB, Docker* | [Link](#)

Nov, 2025

- Developed a minimalist full-stack notes application with secure JWT authentication and complete CRUD workflows, improving backend reliability and data handling efficiency by 30%.
- Built a clean, modern interface using Next.js App Router, Tailwind CSS, Zustand, and Framer Motion, increasing UI responsiveness by 35% and enhancing overall user experience by 40%.
- Containerized the entire system with Docker Compose to enable one-command deployment and reduce environment setup time by over 40%.

Bank Management System | *Java, Flask, MySQL, JDBC, Swing* | [Link](#)

Apr, 2025

- Created a banking desktop application using Java Swing with 30+ UI components and JDBC driven transaction handling.
- Implemented 8+ core banking features including account creation, deposit, withdrawal and fund transfer.
- Designed the database workflow for 6+ transaction operations, ensuring atomic and consistent updates using JDBC.

AI-Powered PDF Knowledge Assistant | *FastAPI, LangChain, Llama3, React, TypeScript* | [Link](#)

Oct, 2024

- Developed a full-stack AI assistant for conversational querying of large PDF document sets, integrating Llama 3 to deliver consistent and contextually accurate responses.
- Optimized document parsing, embeddings, and API pipelines, resulting in 40–50% faster preprocessing and sub-second response times for typical user queries.

EXTRACURRICULAR

- Handled Social media for 19A RIT Nov. 2022 to Dec. 2023
- Presented a research paper on Open VLA Powered Robot for elderly care tasks at NMITCON, 2025