Rohan Katkam

(551) 229-8710 — katkamrohan1698@gmail.com — Open to relocate — LinkedIn — GitHub — Portfolio

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER

Bio187.com (Part of Nuboe.com) | PROJECT MANAGER | Jan 2025 - May 2025

- Developed an AI chatbot using Retrieval-Augmented Generation (RAG) by integrating company data sources for context-aware responses.
- Automated data ingestion pipelines so the chatbot continuously updated with changes in the underlying data, ensuring accuracy and relevance.
- Enhanced user engagement by combining RAG with the DeepSeek AI 1B model for responsive and dynamic interactions.

FULL STACK DEVELOPER

Allure MedSpa | Mumbai, IN | Dec 2017 – Apr 2018

- Developed interactive modules with Angular, Node.js, MongoDB, increasing user engagement by 30%.
- Enhanced UI responsiveness across browsers using React.js and Bootstrap, improving cross-browser experience.
- Refactored front-end structure, reducing load times by 50%.
- Implemented responsive design with FlexBox and Media Queries, boosting mobile retention.

TRAINER ASSISTANT

L&T HED | Mumbai, IN | Apr 2016 – Sep 2016

- Restructured training content to improve onboarding efficiency for 6–10 hires per batch.
- Delivered 20+ technical and soft-skill sessions, leading to a 30% increase in trainee performance.
- Facilitated new hire integration into teams, reducing ramp-up time significantly.

EDUCATION

Master's in Computer Science | *New Jersey Institute of Technology | 2023 – 2025*
Bachelor of Technology in Computer Science | *St. Martin's Engineering College | 2018 – 2022*

PROJECTS

Movie App (React.js)

- Redesigned genre navigation using React Router, increasing user interaction by 30%.
- Deployed via Netlify and GitHub, enabling seamless CI/CD and version control.

Additional Projects:

- Developed **Fake Profile Detection** using neural networks to flag anomalies in social data.
- Built **Weather App** using REST APIs, delivering real-time, location-based forecasts.
- Created **Keep Note App** with MERN stack, implementing secure CRUD-based note management.

SKILLS

Front-End Technologies: HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, SEO, React Native, Expo Go, Figma (Wireframing, Prototyping, UI/UX Design)
Back-End / AI / Data Technologies: Node.js, Express.js, Java, Python, C++, MEAN Stack, MERN Stack, Object-Oriented Design, Data Structures & Algorithms, MySQL, MongoDB, HBase, AWS (EC2, S3), Docker, Cloud Deployment, RAG (Retrieval-Augmented Generation for AI chatbots), Git, GitHub, Agile Methodologies, VS Code, Postman, Chrome DevTools, MySQL Workbench, npm

EXTRACURRICULAR

Vice Secretary | Cricket Club – Organized tournaments, increasing participation by 25%.
Captain | Intramurals 2023 – Led team to championship victory through strategic leadership.