

Sheikh Abdur Rohit

sheikhofficial2023@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#) | +919674033589 | Kolkata, IN

Summary

Passionate Software engineer, Worked with talented engineers, ready to take the lead at work, specialized in end-to-end application development. I have a clear understanding of core functional concepts. Skilled in key software engineering principles like data structures & algorithms, object-oriented programming, LLD, HLD, RDBMS, ML(Computer vision), microservices, RESTful APIs, CI/CD, Automation, Scripting with Python and Java. Looking for a place to prove my skills for the growth of the company.

Experience

Satsafeti

November 2025 - (Ongoing)

Fullstack AI Engineer

Kolkata, India

Working on ML model research in computer vision, building backend architecture, DevOps, Model fine-tuning, Automation with python, writing code for IoT devices etc.

RV SYSTEMS PVT LTD

March 2024 - May 2025

Software Developer Intern

Chennai, India

Improved a legacy monitoring dashboard by adding real-time AngularJS visualizations, upgrading Django authentication, and integrating SSR, which led to faster load times (60% reduction), better user interaction with complex data, and stronger overall security.

SUPERPROF

September 2022 - September 2024

Computer Science Mentor

Canada and US (Remote)

Guided several students abroad who were struggling with core CS concepts by creating personalized one-on-one sessions in programming and algorithms, helping 20+ learners boost their exam scores by around 70% and qualify for stronger CS courses and internships.

Education

University of Engineering and Management, Kolkata

April 2023 - May 2025

Master's of Computer Application | CGPA - 8.0

Relevant Coursework: Advanced Algorithms, Machine Learning, Cloud Computing, Software Engineering

Meghnad Saha institute of technology, Kolkata

March 2020 - March 2023

Bachelor of Computer Application | CGPA - 8.3

Relevant Coursework: Data Structures, Object-Oriented Programming, Database Management Systems

Knowledge and Skills

Subjects: Data Structures and Algorithms, Object-oriented programming (OOPS), Software Development Life Cycle (SDLC), e2e testing, OCR, Agile Methodology, Operating System, CI/CD, Automation and Scripting, and AI and Machine Learning (AI/ML). **Programming languages:** HTML, CSS, C, C++, Python, Java, JavaScript, TypeScript, Bash, Linux. **Coding Profiles:** [LeetCode](#), [HackerRank](#), [Codeforces](#). **Library and frameworks:** ReactJS, NextJS, Angular, Django, Flask, ExpressJS, RAG Technologies, Artificial Intelligence, SpringBoot. **Deployment Tools:** Git, Kubernetes, Docker, Postman, GCP. **Databases:** MongoDB, Firebase, AWS Cloud engineering, DynamoDB, PostgreSQL, MariaDB.

Certificates and Achievements

Smart India Hackathon 2022 (SIH) top 10

March 2022

ML model to find missing person through Adhar ID

AWS Cloud Essentials Knowledge Badge -AWS ([link](#))

December 2023

Foundational cloud concepts, AWS services, security, back-end architecture, pricing, and support.

Introduction to Data Science in Python - Coursera & Cisco ([link](#))

November 2024

Understand techniques such as lambdas and manipulating CSV files.

Projects

1. Starbucks stock prediction model ([link](#))

July 2023

- Developed a predictive analytics model using Python to analyze Starbucks' historical stock data. Utilized scikit-learn's linear regression algorithm to forecast future revenue trends. Achieved high model accuracy. With comprehensive data preprocessing, model training, and visualization through scatter and trend plots.

2. Disaster Heroes ([link](#))

January 2025 - April 2025

- Developed a location-based disaster reporting platform using Next.js, Django, and PostgreSQL that enables users to submit real-time incident reports, discover nearby emergencies through an interactive world map powered by Google Maps API, and directly communicate with reporters to coordinate assistance. The system leverages Firebase for real-time messaging, ML models for incident classification, and geospatial filtering to connect community members and facilitate peer-to-peer disaster response.
- ([10+ more projects and Opensource contributions](#))