

Amey Mali

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LinkedIn • GitHub • Portfolio

CARRIER OBJECTIVE

Enthusiastic and detail-oriented Information Technology graduate from Mumbai University (GPA: 9.48/10), passionate about backend development and problem-solving using **Python**. Skilled in building real-world applications with **Django**, **Flask**, and REST APIs, complemented by exposure to **machine learning**, **blockchain**, and cloud platforms. Eager to contribute to meaningful software projects through a 6-month internship, enhance enterprise-level backend development skills, and grow as a developer through collaboration, innovation, and continuous learning.

EDUCATION

VIDYALANKAR INSTITUTE OF TECHNOLOGY

Bachelor of Engineering (B.E.) in Information Technology

Cumulative GPA :- 9.48/10.0

Percentage :- 82.15%

Mumbai, Maharashtra

Graduated 18 June 2025

S.S HIGH SCHOOL & JR. COLLEGE

HSC Board - Percentage - 94.00%.

Navi Mumbai, Maharashtra

2019 – 2021

J.M. RATHI ENGLISH SCHOOL

SSC Board - Percentage - 92.00%

Roha, Raigad, Maharashtra

2018 – 2019

WORK EXPERIENCE

CodSoft

Machine Learning Intern

Remote

July 2024 – Aug 2024

- Engaged in all phases of the data science lifecycle, from data gathering and cleaning to analysis and visualization.
- Developed projects like Email Spam Detection and Sales Forecasting using Python and machine learning.
- Gained practical experience with Python libraries such as NumPy, Pandas, and Scikit-learn, implementing various ML algorithms.

Oasis Infobyte

Web Development and Designing Intern

Remote

1st Aug 2024 – 31st Aug 2024

- Participated in a 1-month internship focused on Web Development and Designing.
- Emphasized learning new skills and deepening understanding of web development concepts through hands-on application.
- Collaborated with a team to gain practical experience and prepare for future projects.

AWARDS AND HONORS

Certificate of Appreciation

July 19-21, 2024

Presented by **National Institute of Technology Rourkela** organized by Department of Electrical Engineering. In recognition of outstanding contribution as a **Reviewer** at the 1st IEEE International Conference on “**Smart Power Control and Renewable Energy (ICSPCRE-2024)**”.

PROJECTS

CREDIT CARD FRAUD DETECTION WEB APPLICATION | Flask, Python, Machine Learning

July 2024

- Developed a machine learning-powered web app using **Flask** to detect fraudulent transactions in real time.
- Integrated a **pre-trained classification model** to assess transaction legitimacy using behavioral features such as location, transaction ratio, and device pattern.
- Built intuitive UI using Flask templating and implemented REST-like form submission and result rendering.
- Gained hands-on experience with **Python-based backend logic**, data preprocessing, and **ML model integration** in web environments.

BLOCKCHAIN-BASED KYC REGISTRY PROTOTYPE | Solidity, Ethereum, Node.js, Web3.js

April 2025

- Built a decentralized KYC management system using **Ethereum blockchain**, enabling secure, verifiable, and tamper-resistant customer data sharing across financial institutions.
- Developed and deployed **smart contracts** using Solidity on a local **Ganache test network** with **Node.js**, **Web3.js**, and **Solc compiler**.
- Designed a prototype to eliminate redundant KYC checks by maintaining a shared blockchain ledger, reducing operational

costs and compliance risks for banks.

- Demonstrated contract execution and real-time validation using a simulated Ethereum network, with plans to scale on the **Ethereum mainnet** for production readiness.

CLEANTRACK: A JAVA-BASED SANITATION MONITORING & MANAGEMENT SYSTEM | Java Swing , Apache Derby

April 2025

- Developed a desktop-based hygiene monitoring application using Java Swing and Apache Derby DB to automate sanitation tracking across facilities.
- Designed and implemented modules for staff registration, cleaning task logging, and maintenance records using a modular, event-driven GUI structure in NetBeans.
- Integrated an embedded database system to support offline operations, enabling reliable sanitation oversight without internet dependency.
- Enhanced facility compliance by providing real-time status dashboards, editable tables, and role-based authentication for system access.

EMPLOYEE PAYROLL AND ALLOWANCE SYSTEM | Java, JDBC, MySQL

November 2022

- Designed and implemented a desktop-based payroll application to manage salaries, attendance, allowances, and deductions.
- Utilized Java Swing for UI and JDBC for robust backend connectivity with MySQL.
- Added features such as role-based login, leave tracking, and automated payslip generation.
- Gained strong hands-on experience in building modular backend logic, handling CRUD operations, and optimizing database queries.

SKILLS

Languages: Python, Java, JavaScript, SQL

Web: Django, Flask, Node.js

Frontend: HTML, CSS, React.js (basic)

Databases: MySQL, MongoDB, PostgreSQL

Tools: Git, GitHub, Docker, AWS (basic)

Concepts: REST APIs, OOP, MVC Architecture

Other: ML (sklearn, pandas), Java Swing, JDBC

Blockchain: Solidity, Web3.js, Ganache

Soft Skills: Problem-solving, Teamwork

Mindset: Agile, Leadership, Communication

CERTIFICATE

- MERN Stack E-Commerce App using React Native & Redux Toolkit – Udemy
- TCS iON Career Edge – Young Professional
- Become a Professional Web Developer v3.0 – Udemy
- C++ and PHP Complete Course 2023 – Udemy
- Certified Cloud Security Professional (CCSP) – Udemy
- Deep Web – Complete Introduction to the Hidden Web – Udemy
- Docker for Beginners (12+ hours) – Udemy
- Ethereum Blockchain Developer Bootcamp With Solidity (2025) – Udemy