

# Amey Mali

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## CARRIER OBJECTIVE

Motivated and detail-oriented Information Technology graduate from Mumbai University (GPA: 9.48/10) with a strong foundation in Core Java, backend development, and emerging technologies such as machine learning and blockchain. Experienced in building scalable and efficient applications using Java, Spring Boot, Python, and the MERN stack, with practical exposure to RESTful APIs, databases, and cloud services. Eager to join a dynamic organization where I can apply my technical skills, contribute to impactful software solutions, and continue growing as a developer through real-world challenges and continuous learning.

## EDUCATION

### VIDYALANKAR INSTITUTE OF TECHNOLOGY

Mumbai, Maharashtra

Graduated 18 June 2025

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

Cumulative GPA :- 9.48/10.0

Percentage :- 82.15%

### S.S HIGH SCHOOL & JR. COLLEGE

Navi Mumbai, Maharashtra

2019 – 2021

HSC Board - Percentage - 94.00%.

### J.M. RATHI ENGLISH SCHOOL

Roha, Raigad, Maharashtra

2018 – 2019

SSC Board - Percentage - 92.00%

## WORK EXPERIENCE

### CodSoft

Remote

Machine Learning Intern

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

Remote

Web Development and Designing Intern

1<sup>st</sup> Aug 2024 – 31<sup>st</sup> 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 1<sup>st</sup> IEEE International Conference on “**Smart Power Control and Renewable Energy (ICSPCRE-2024)**”.

## PROJECTS

### EMPLOYEE PAYROLL AND ALLOWANCE SYSTEM

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.

### CREDIT CARD FRAUD DETECTION WEB APPLICATION

July 2024

- Built a **web application using Flask** to detect fraudulent transactions based on ML predictions.
- Processed user inputs and integrated a **pre-trained classification model** for fraud scoring based on transaction features.
- Created a real-time UI with Flask templating to visualize results, reinforcing understanding of server-side processing and REST-like endpoints.
- Demonstrated **data-driven decision making**—valuable for API-based backend systems.

## BLOCKCHAIN-BASED KYC REGISTRY PROTOTYPE

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

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.

## SKILLS

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- **Languages:** Java, Python, JavaScript
- **Frameworks/Tools:** Spring Boot, Express.js, Node.js
- **Web Technologies:** REST APIs, HTML/CSS, React.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Cloud & DevOps:** Git, GitHub, Docker, basic AWS exposure
- **Other:** Hibernate (basic), JPA (academic), JUnit (basic)
- **Soft Skills:** Problem-solving, Agile mindset, Team collaboration, Communication, Leadership.

## CERTIFICATIONS

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- MERN Stack E-Commerce App using React Native & Redux Toolkit by Udemy.
- TCS iON Career Edge - Young Professional.
- Become a Professional Web Developer | Version 3.0 by Udemy.
- C++ And PHP Complete Course 2023 by Udemy.
- Certified Cloud Security Professional (CCSP) by Udemy.
- Deep Web- The complete Introduction to the hidden web by Udemy.
- Docker for Beginners: a HandsOn Practice Course (+12 hours) by Udemy.
- Ethereum Blockchain Developer Bootcamp With Solidity (2025) by Udemy.