

OMKAR KAKAD

FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer with strong hands-on experience in Python (Django), JavaScript (MERN stack), Java, MySQL, and Machine Learning/NLP. Passionate about building scalable applications and integrating AI/ML into real-world solutions. Completed B.E. in Computer Engineering with multiple live projects and internship experience. Actively seeking a full-time developer role in a tech-forward organization.

SKILLS

- **Programming Languages:** Python, Java, JavaScript (JS)
- **Frameworks and Libraries:** Django, Flask, React.js, Node.js, Express.js
- **Databases:** MySQL, MongoDB (Atlas), FreeSQLDatabase.com
- **Technologies:** Machine Learning, Natural Language Processing (NLP), NLTK, SpaCy, REST APIs
- **Tools & platforms:** Git, GitHub, Firebase, Render, PythonAnywhere, EmailJS, Notepad, VS Code

PROFESSIONAL EXPERIENCE

- Mernix Consulting - (July 2024- Aug 2024)

JS MERN Developer Intern

- Contributed to the development of dynamic web applications using the JS MERN stack (MongoDB, Express.js, React.js, Node.js).

- MIRA Advanced Engineering - (June 2023- July 2023)

Python Developer Intern

- Developed and deployed Python-based applications, focusing on databases, data science, APIs and data structures.

- MIRA Advanced Engineering - (Sept 2023- Oct 2023)

Django Developer Intern

- Built and maintained scalable web applications using Django framework with REST API integration. Focused on backend development, user authentication, and database management using MySQL and SQLite.

PROJECTS

SmartMess Ordering and Management Web Application (Python + Django)

- Developed a full-stack web application to manage daily food orders for users in a mess environment.
- Added user registration with email and phone validation, along with secure authentication.
- Designed an intelligent order form with auto-filled name/surname fields and data persistence.
- Enabled meal type selection and payment status tracking (Paid/Not Paid).
- Integrated email notifications upon order placement.
- Developed an admin dashboard to monitor and manage all user orders and menu.
- Used HTML, CSS, and Bootstrap for responsive UI and SQLite as the backend database.

Advanced Task Manager (React.js + python + Flask)

- Developed and deployed a full-stack Task Manager application with task CRUD operations, priority filters, search functionality, and status tracking. Developed the frontend using React.js and the backend using Python with Flask, and implemented a dark/light mode toggle for enhanced user experience.

Employee Management System (MERN Stack)

- Built a full-stack web application using React.js, Express.js, and MySQL to perform CRUD operations via RESTful APIs. Implemented Axios and React Hooks for dynamic frontend logic. Deployed on Firebase (frontend) and Render (backend) for public access.

Early Landslide Detection & Rescue System (ML + Flask + Python + Google Maps API + ChatBot)

- Developed a predictive system to detect early landslide risks based on historical data. Integrated an admin panel to add rescue shelters near high-risk areas, with real-time Google Maps navigation for users. Embedded chatbot to handle user queries related to landslide safety.

Stroke Prediction System (ML + Python + Flask + Scikit-learn + HTML/CSS)

- Developed and Deployed a web-based application to predict the risk of stroke using a machine learning classification model trained on health-related datasets (e.g., age, hypertension, heart disease, BMI, etc.)
- Built the model using Flask to create a clean user interface for users to input their health parameters and receive real-time risk predictions
- Integrated the backend model with a responsive frontend using HTML/CSS, delivering an intuitive and interactive user experience.

Live Crypto Tracker (React.js + Python)

- Developed and Deployed a web application using React.js to display live cryptocurrency data through API integration. Implemented features to show coin names, symbols, icons, current prices, and historical high/low rates. The data is fetched using Axios for efficient and reliable API requests. integrated the CoinGecko API to fetch real-time cryptocurrency data.

EDUCATION

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| • Bachelor of Engineering (B.E) in Computer Engineering
Smt. Indira Gandhi College Of Engineering, Ghansoli, Navi Mumbai
CGPA: 7.36/10 | June 2021 - May 2025 |
| • HSC(12th), Science Stream (88.00%) | 2019-2021 |
| • SSC(10th), (84.00%) | 2018-2019 |

CERTIFICATIONS

- **Python programming-** <http://bit.ly/3HyPjDe>
- **Django Framework-** <https://bit.ly/4lhynQf>
- **Machine Learning-** <https://bit.ly/3SJMEJc>
- **NLP-** <https://bit.ly/43QuWJ7>
- **MySQL-** <https://bit.ly/3ZISJiA>
- **JS MERN-** <https://tinyurl.com/44pdjzej>
- **Java-** <https://tinyurl.com/z8v8w4zm>

ACHIEVEMENTS / LEADERSHIP

Sports Secretary, Sangram 2k25 | 2024 – 2025

Smt. Indira Gandhi College of Engg.

- Led and organized the college's annual sports fest with 300+ participants, managing 10+ sports events, logistics, and coordination.

Final Year Major Project Leader.

- Directed the development of a Landslide Prediction & Rescue App using ML + Maps API, with team coordination and real-world problem-solving.

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Marathi (Native)