

OMKAR RATHOD

AI/ML Enthusiast | CSE-AIML Undergraduate | AI Intern at CMS
Info Systems | Founder – Home-Based Online Cake Startup

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GitHub: <https://github.com/omkarrathod23>

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Skills: **Programming Languages:** Python, JavaScript, C; **Data Science & ML Tools:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV; **AI/ML Concepts:** Supervised & Unsupervised Learning, Deep Learning, Neural Networks, CNNs, NLP, Model Evaluation; **Web & Cloud Technologies:** HTML, CSS, Firebase, Streamlit, Google Colab, Flask (basic), Firebase Hosting; **Databases:** SQL, MongoDB; **Version Control & Collaboration:** Git, GitHub, Google Colab; **Tools & Platforms:** VS Code, Jupyter Notebook, Canva, Figma; **Entrepreneurship:** E-commerce Management, Branding, Order Management, Customer Interaction, Social Media Marketing; **Soft Skills:** Problem Solving, Creativity, Communication, Team Collaboration, Time Management, Self-Motivation.

EXPERIENCE

AI Intern, CMS Info Systems Ltd., Navi Mumbai: ([Offerletter](#)) April 2025 – Present

- Assisting in AI solution development through data preprocessing, model building, and automation.
- Gaining hands-on experience with Python and ML tools to improve system performance.

Founder & Web Developer – Sweet Delight: ([website](#)) April 2025 – Present

- Founded Sweet Delight, a home-based online cake business offering customized orders via a user-friendly website.
- Built the site using HTML, CSS, JavaScript & Firebase for smooth ordering and secure login.

PROJECTS:

Sentiment Analysis Web App | IMDb Reviews: ([GitHub](#))

- Developed a Flask web app for real-time IMDb movie review sentiment analysis using an LSTM model (TensorFlow/Keras).
- Designed an interactive UI and integrated sentiment probability charts for result visualization.

Doctor Appointment Booking System: ([GitHub](#))

- Built a full-stack Doctor Appointment System with role-based access for patients, doctors, and admins.
- Integrated real-time scheduling, secure login, and user-friendly dashboards.

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- Built the site using HTML, CSS, JavaScript & Firebase for smooth ordering and secure login.

ACHIEVEMENTS

Top 8 Finalist – Innoverse Hackfest 2K25 (State-Level Hackathon): ([Certificate](#))

- Selected in top teams at Innoverse Hackfest 2K25 by PVG's COET, Pune.
- Developed a hotel recommendation system with personalized plans and real-time suggestions.

Participant – National Level Hackathon “Hack To Crack 1.0”: ([Certificate](#))

- Participated in “Hack To Crack 1.0,” a national-level hackathon by ViMEET with Aptech, Unstop & RKDEMY.
- Gained hands-on experience in team-based problem-solving and innovation

PROFESSIONAL CERTIFICATES:

- Udemy certificate for python
- Data Visualization with Power BI Simplified
- Getting Started with Machine Learning Algorithms
- Natural Language Processing (NLP)

B.E. in CSE (Artificial Intelligence & Machine Learning)

Final Year – Sem 7 | Vishwaniketan's ViMEET | Mumbai, Maharashtra
Expected Graduation: June 2026