

# Om Varma

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## Education

<b>Vishwakarma Institute of Technology</b>	Pune
Bachelor of Technology (B.Tech.) Artificial Intelligence and Data Science	2028
GPA: 9.3	

## Experience

<b>AI &amp; ML Engineer</b>	Pune
Self-Employed	2024 - Present
<ul style="list-style-type: none"><li>Created AI-powered and data-driven applications as part of independent learning and portfolio development.</li><li>Applied machine learning techniques to real-world problems (e.g., phishing detection, academic analytics).</li><li>Developed full-stack web applications, improving deployment efficiency and usability.</li><li>Demonstrated strong problem-solving and project management skills.</li></ul>	

## Projects

<b>Privasee</b>	(Oct 2025 - Oct 2025)
<ul style="list-style-type: none"><li><b>Description:</b> Real-time browser extension detecting phishing websites using ML models.</li><li><b>Role:</b> Developed detection pipeline with XGBoost &amp; Random Forest; integrated explainable insights.</li><li><b>Technologies Used:</b> React (TypeScript), Flask, Python, Scikit-learn</li></ul>	
<b>CarePoint</b>	(Oct 2025 - Oct 2025)
<ul style="list-style-type: none"><li><b>Description:</b> AI-powered chatbot platform providing real-time help for healthcare, college queries, and emergencies.</li><li><b>Role:</b> Built NLP chatbot backend and managed secure API integrations.</li><li><b>Technologies Used:</b> React (TypeScript), Flask, Python, Hugging Face Transformers, MySQL, LLMs</li></ul>	
<b>AdIntelli</b>	(Sept 2025 - Sept 2025)
<ul style="list-style-type: none"><li><b>Description:</b> Centralized AI tool for real-time campaign performance tracking.</li><li><b>Role:</b> Built ML-driven dashboard, automated KPI analysis, and data visualization.</li><li><b>Technologies Used:</b> React (TypeScript), Flask, Python, Scikit-learn, MySQL</li></ul>	

## Certification

<b>Machine Learning Specialization - Coursera</b>	(Dec 2025 )
<ul style="list-style-type: none"><li><b>Skills Gained:</b> Built and trained ML &amp; DL models using NumPy, Scikit-learn, and TensorFlow.</li><li><b>Core Concepts:</b> Python, NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib</li></ul>	
<b>Data Science, Machine Learning and Neural Networks - Udemy</b>	(Oct 2025 )
<ul style="list-style-type: none"><li><b>Skills Gained:</b> Applied data preprocessing, ML algorithms, and neural networks for predictive analysis.</li><li><b>Core Concepts:</b> Python, NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow</li></ul>	

## Additional

**Technical Skills:** JavaScript, Python, React (TypeScript), Flask, Scikit-learn, TensorFlow, MySQL, Git, HTML, CSS  
**Academic Achievements :** Secured top position in AI/ML project showcase and completed advanced ML certifications.  
**Volunteer Experience:** AIML Coordinator at IEEE, organized workshops and guided peers in AI/ML projects.

