

TANMAY PATIL

Software Engineer | Full Stack & AI/ML Developer

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PROFESSIONAL SUMMARY

An aspiring Software Engineer with practical experience in full-stack development and AI-based projects. Motivated to learn, collaborate with teams, and build scalable software systems.

EDUCATION

ALDEL Institute's St. John's College of Engineering and Management	[Nov, 2022 – Jun, 2026]
Bachelor of Technology (B.Tech) in Artificial Intelligence & Machine Learning	CGPA: 7.42/10
V.M. Jr. Pilankar College Revdanda, Maharashtra	[Jun, 2021 – Mar, 2022]
H.S.C	Percentage: 56.5
Survoday Vidyalay Sudkoli Alibag, Maharashtra	[Jun, 2010 – May, 2020]
S.S.C	Percentage: 87.8

INTERNSHIPS

Aarkham Archives – AI Developer Intern	[June, 2025 – Sept, 2025]
<ul style="list-style-type: none">Created and deployed chatbots using Hugging Face LLMs and hybrid multi-model AI agent workflows.Implemented fine-tuning pipelines, Docker-based deployments, and AWS model hosting.Worked on AI pipelines involving automation, data processing, and model-driven decision systems.	

PROJECTS

Online Auction Platform	[Nov, 2025 – Dec, 2025]
<ul style="list-style-type: none">Built a full-stack online auction platform using Next.js, Node.js, and PostgreSQL.Designed REST APIs for user authentication, auction creation, and bid management.Integrated basic AI-based auction price prediction using historical bidding data.	
TreeSense Imaging	[Sep, 2025 – Oct, 2025]
<ul style="list-style-type: none">Built an AI-based forest analytics tool using YOLOv8 to detect and count trees from satellite images.Designed a Streamlit UI for real-time visualization and vegetation insights.Implemented green-cover analysis and generated summary reports for environmental monitoring.	

Fake News Detection System

[Mar, 2025 – Apr, 2025]

- Built a fake news detection web app using ML models with 99%+ accuracy on a 44K-record dataset.
- Created a React frontend and Flask API backend for real-time text classification.
- Implemented hybrid detection (ML prediction + basic web checks) for improved reliability.

CERTIFICATIONS

- Full-Stack AI with Ollama: Llama, Deepseek, Mistral, QwQ** - Udemy (Jul 2025)
- AI/ML Foundations for Absolute Beginners (AgenticAI + MLOps)** - Udemy (Aug 2025)
- Python for Data Science** - NPTEL (Feb 2025)

SKILLS

- Programming:** Python, JavaScript, SQL
- Backend & APIs:** Node.js, FastAPI, REST API development
- Frontend & UI:** HTML, CSS, Next.js, Streamlit
- Databases:** PostgreSQL
- AI & ML:** Scikit-learn, TensorFlow, Keras, Deep Learning, Neural Networks
- Domains:** NLP, Computer Vision, Generative AI
- Tools & Platforms:** Pandas, NumPy, Matplotlib, Seaborn, Docker, Git, VS Code, Jupyter
- Cloud:** Google Cloud Platform

LANGUAGE PROFICIENCY

English – Intermediate | Hindi – Fluent | Marathi – Native

INTERESTS:

Full Stack Development • Building Scalable Web Applications • AI-Powered Systems • Cloud Deployment