

TANMAY DALVI

+91 9356943929 ✉ tanmaydalvi1223@gmail.com [linkedin.com/in/tanmaydalvi](https://www.linkedin.com/in/tanmaydalvi) Pune, Maharashtra

Summary

Final-year Computer Science student specializing in Artificial Intelligence and Machine Learning, with hands-on experience in data analysis, machine learning, and building AI-powered applications. Worked with Python, SQL, PyTorch, and data visualization tools through real-world projects and a data analyst internship. Comfortable working end-to-end from preprocessing raw datasets and training predictive models to designing dashboards and automating workflows. Seeking a Data Scientist or Data Analyst role to apply these skills and contribute meaningfully to a team.

Education

G. H. Raisoni College of Engineering and Management, Pune

Aug. 2022 – May 2026

Bachelor of Technology in Computer Science, Artificial Intelligence and Machine Learning

CGPA: 9.27 / 10.0

Work Experience

Excelerate

Aug. 2025

Data Analyst Intern

Dubai, UAE (Remote)

- Cleaned and merged six raw datasets in **PostgreSQL**, resolving inconsistencies and improving data quality across the pipeline
- Engineered a unified master table with defined **KPI mappings** to support structured downstream dashboard analytics
- Deployed an interactive **Looker Studio** dashboard delivering real-time visibility into learner progress and program performance metrics

Projects

GPT Model From Scratch | *Python, PyTorch, Transformer Architecture, NLP, Deep Learning*

2025

- Implemented a **GPT-style Transformer** architecture entirely from scratch using Python and PyTorch, without pre-built model libraries
- Constructed core components including **multi-head self-attention**, positional encoding, token embeddings, and feed-forward layers
- Built a complete training pipeline covering **dataset preprocessing**, mini-batch sampling, and model evaluation for language modeling
- Trained on text datasets to generate coherent sequences; developed deep understanding of **LLM internals** and neural network optimization

AI Chrome Extension for Job Applications | *JavaScript, OpenAI API, Chrome Extension APIs*

2025

- Built a Chrome extension that scrapes job descriptions from webpages and generates **AI-powered, role-specific** application responses
- Integrated **OpenAI API** to produce tailored answers dynamically based on the job posting and a stored user profile
- Implemented browser automation using **JavaScript** and Chrome Extension APIs to automate form-filling and reduce manual effort
- Improved overall job application efficiency by eliminating repetitive response writing for each new application

YouTube Shorts Automated Workflow | *n8n, REST APIs, Workflow Automation, API Integration*

2025

- Architected an **end-to-end automated workflow** using n8n to handle YouTube Shorts content scheduling and publishing
- Configured **REST API integrations** and structured data-passing between pipeline nodes for reliable scheduled delivery
- Eliminated manual publishing steps for content creators by automating the full posting cycle, reducing repetitive overhead significantly

Technical Skills

Programming Languages: Python, SQL, JavaScript

Machine Learning and AI: Supervised Learning, Neural Networks, Natural Language Processing, Transformer Architecture, Large Language Models, PyTorch, Scikit-learn, Predictive Modeling

Data Analysis: Exploratory Data Analysis, Statistical Analysis, Data Cleaning, Feature Engineering, Data Wrangling, Data Mining

Data Visualization: Tableau, Power BI, Looker Studio, Matplotlib, Seaborn

Databases: MySQL, PostgreSQL

Tools and Platforms: Jupyter Notebooks, Google Colab, Microsoft Excel, n8n, Git, GitHub, OpenAI API

Certifications

- **IBM Data Science Professional Certification** (Coursera) – Covered Python programming, data analysis, machine learning, and data visualization
- **GitHub Foundations Certification** – Covered version control, repository management, and collaborative development workflows

Achievements and Awards

Finalist – Innovex Hackathon 2025

2025

AIT Pune

- Built an **ML-based activity recommendation app** for children using behavioral pattern analysis and personalized suggestion algorithms

Selected Participant – Google Solution Challenge Bootcamp 2024

2024

Mumbai Chosen for the **regional bootcamp** out of thousands of applicants based on an innovative tech solution submitted to Google's global hackathon initiative

Academic Excellence Award

G. H. Raisde College of Engineering **CGPA of 9.27 out of 10.0** throughout the B.Tech program in Computer Science with AI and ML specialization