

Aryan Kamble

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Portfolio | Credly Profile

Career Objective

Motivated and curious learner currently pursuing a Bachelor's degree in Artificial Intelligence and Data Science. Passionate about AI/ML, eager to build practical skills, and contribute to impactful projects.

Skills

Programming Languages: Python, C

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras

Machine Learning: Supervised and Unsupervised Learning, Regression, Classification, Clustering

Deep Learning: Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Autoencoders, Transformers

Generative AI: Large Language Models (LLMs), Foundation Models, Hugging Face, LangChain (basic), Natural Language Processing (NLP)

Prompt Engineering: Zero-shot, One-shot, Chain-of-thought, Persona-based, Tree-of-thought prompting

Tools & Platforms: Google Colab, Jupyter Notebook, VS Code, Lovable.ai, Claude, Cursor.ai, ChatGPT, Perplexity AI

Internship

Artificial Intelligence Intern, Rajaj.Tech Aug 2025 – Sept 2025 (Remote)

- Built and deployed an AI-powered student support chatbot using NLP and Sentence-BERT, integrated with Telegram.
- Gained practical exposure in dataset design, model training, fallback handling, analytics, and self-learning mechanisms.

Certifications

- Python for Data Science, AI & Development (Coursera)
- Generative AI: Prompt Engineering Basics (Coursera)
- Building Generative AI-powered Applications with Python
- Introduction to Model Context Protocol (Anthropic)
- Machine Learning with Python (IBM)

Education

Bachelor of Engineering in Artificial Intelligence and Data Science(2022-26) CGPA: 8.2 (Till 6th Semester)
KLE College of Engineering and Technology, Chikodi

PUC (Class XII)(2020-2022) 78.50%
JA Pre-University College, Athani

SSLC (Class X)(2020) 79.36%
Govt High School, Ugar Khurd

Projects

Project Manager using AI Agents and Ollama Models (Local Execution) (2025) Github

- Architected a prototype multi-agent orchestration system automating the complete software lifecycle — from planning to delivery.
- Designed specialized agents: Senior Manager, Project Manager, Senior Developer, Junior Developer, Integrator, Integrator Tester, Final Tester, and Delivery Agent.

- Integrated Mistral 7B, StarCoder 2 7B, and CodeLlama 7B models (via Ollama) for autonomous code generation, architecture planning, and testing.
- Implemented Crew AI framework for intelligent collaboration and task coordination among agents.

MistralGuard — LLM-Driven Data Validation & Anomaly Reasoning System (2025) Github

- Built a reasoning-centric anomaly detection system using Mistral-7B-Instruct without traditional ML models.
- System validates tabular datasets, classifies anomalies (Red/Yellow/Green), and explains root cause and corrective actions.
- Designed an interactive Gradio interface supporting real-time dataset uploads and anomaly visualization.
- Demonstrated how a single LLM can replace classical ML pipelines for enterprise-level data quality auditing.

Innovative Sign Language Translation System

- Developed a real-time translation system bridging communication between signers and non-signers using CNNs.
- Enhanced accessibility for differently-abled communities through gesture recognition and live translation.

Brain Tumor Detection using CNN [github](#)

- Built a CNN-based model to classify brain tumors from X-ray images.
- Classified benign tumors as pituitary and malignant ones as glioma or meningioma.

Languages

Hindi, Marathi, Kannada, English

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.