Ajmeera Pavan Kumar

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Education

Malla Reddy College of Engineering and Technology, Hyderabad, India
B.Tech in Computer Science (Artificial Intelligence & Machine Learning)   2022 – 2026

Narayana Junior College, Hyderabad, India
Intermediate (MPC) – Scored **75.6%**   2020 – 2022

Sri Chaitanya Techno High School, Hyderabad, India
SSC – CGPA: **9.3**   2019 – 2020

Experience

AI Developer Intern — VISWAM.AI   May 2025 – June 2025 (Hybrid)

• Developed and fine-tuned ML models using Python for real-world AI applications.

• Built and deployed models using locally sourced datasets in open-source environments.

• Applied DevOps practices to streamline model delivery and evaluation.

• Collaborated with cross-functional teams to integrate AI components into production systems.

Machine Learning Intern — CodeAlpha   Oct 2024 – Nov 2024 (Remote)

• Completed internship focused on ML fundamentals and applied model training.

• Implemented Python-based data preprocessing to improve ML pipeline performance.

• Contributed to version-controlled projects and peer-reviewed code.

Projects

Credit Scoring Model   Jan 2025 – Mar 2025

• Developed ML model to predict creditworthiness using customer financial data.

• Achieved high accuracy using logistic regression and decision tree classifiers.

Emotion Recognition System   Sep 2024 – Nov 2024

• Built deep learning model with TensorFlow/Keras to classify emotions from images.

• Trained on FER2013 dataset with data augmentation to boost accuracy.

Ad Blocker Extension   Apr 2024 – May 2024

• Created JavaScript browser extension to detect and block ad content.

• Leveraged DOM manipulation and browser API to enhance UX.

Backend API Development   Jul 2023 – Sep 2023

• Developed REST APIs using Go and Python following microservices architecture.

• Ensured scalability with proper routing, logging, and testing.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript, Java, Python, SQL, Go
Frameworks: React.js, Next.js, Tailwind CSS, Spring Boot
Developer Tools: VSCode, GitHub CLI, Codespaces, Postman, Git, Docker, Render, PyCharm, GoLand, IntelliJ IDEA
Libraries: NumPy, TensorFlow, PyTorch, pandas, Matplotlib