

Padala L M Ramachandra Reddy

Bengaluru, India • +91 8464936999 • Padalalmrreddy@gmail.com • LinkedIn • GitHub • Portfolio

PROFESSIONAL SUMMARY

AI/ML and Full-Stack Engineer (MCA, SGPA 8.9) with hands-on internship experience across three companies building end-to-end ML pipelines, NLP-based content moderation systems, and production-ready web applications. Proficient in Python, React.js, TensorFlow, and modern AI frameworks. Adept at working in Agile, team-driven environments with a strong focus on scalable, data-driven software solutions. Passionate about leveraging AI to solve real-world problems and eager to contribute to innovative, fast-paced engineering teams.

EDUCATION

Atria Institute of Technology

Master of Computer Applications (MCA) **SGPA: 8.9**

Bengaluru, India

Expected May 2026

Aditya Degree College

Bachelor of Computer Applications (BCA) **CGPA: 7.5**

Kakinada, India

Dec 2021 – May 2024

TECHNICAL SKILLS

Languages: Python, Java, C

CS Fundamentals: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), REST API Design

AI / ML: Machine Learning, Deep Learning, NLP, Scikit-learn, TensorFlow, BERT

Frontend: React.js, Tailwind CSS

Backend: Node.js, Express.js, Flask, Fast API, REST APIs

Databases: Firebase, Supabase (PostgreSQL), MongoDB

Tools: Git, GitHub, Postman, Matplotlib

EXPERIENCE

AI Intern | PAT Technologies Pvt. Ltd. — Bengaluru

Feb 2026 – May 2026

- Building end-to-end ML pipelines (preprocessing, feature engineering, training, tuning, evaluation) on live industry datasets using Scikit-learn and TensorFlow, contributing to production-ready model delivery.
- Delivering AI-based solutions for real-world problems in a project-driven team, strengthening Python, Git, and scalable model development practices across multiple live projects.

Web Development Intern | CodeClause — Kakinada, AP

Sep 2025 – Nov 2025

- Built responsive React.js/Tailwind CSS apps with reusable components, improving maintainability; integrated REST APIs across Flask, Django, FastAPI, and Node.js/Express backends.
- Worked in Agile sprints using Git/GitHub; conducted code reviews, debugging, and performance optimizations, consistently delivering tasks within sprint deadlines.

Machine Learning Intern | Adhoc Network Tech Company — Visakhapatnam, AP

Jan 2024 – Jun 2024

- Applied Python, NumPy, and Pandas for EDA and feature engineering; built predictive models using Scikit-learn and TensorFlow with cross-validation and F1-score optimization.
- Executed complete ML pipelines from data cleaning through model training, testing, and deployment-readiness, delivering structured model performance reports for each iteration.

PROJECTS

ToxiNetX — Stack: *Python, BERT, Scikit-learn, Flask, React.js* [Live]

- Real-time AI content moderation system detecting toxicity, hate speech, and cyberbullying using NLP pipelines and fine-tuned BERT-based text classification — live and publicly accessible.

MedScanX — Stack: *Python, Multimodal AI, FastAPI, Supabase, React.js* [Live]

- AI-driven platform analysing medical scans for diagnostic insights via multimodal AI; built with secure authentication, file upload, and scalable data privacy controls — deployed and production-ready.

PlateX — Stack: *Python, Image Recognition, FastAPI, React.js, Tailwind CSS* [Live]

- AI web app for food recognition and nutrition estimation using image analysis, with personalized diet tracking and a real-time FastAPI AI backend — deployed and accessible to end users.

EduMatriX — Stack: *React.js, Node.js, Express.js, Firebase* [Live]

- Role-based academic portal with dashboards for students, faculty, and admins, featuring secure access control and modular architecture — designed to support multi-user institutional scale.

LEADERSHIP & ACHIEVEMENTS

Technical Coordinator — FXC Club, MCA: Led technical initiatives, mentored peers in AI/ML projects, and organized workshops promoting practical learning.

Organizer — State-Level Hackathon (CUEST): Coordinated logistics and technical support for a large-scale hackathon with smooth participant engagement.

Coordinator — No-Code Challenge (CUEST): Organized a no-code innovation challenge encouraging rapid prototyping, creativity, and problem-solving among participants.

Certificate of Appreciation — Atria Ignite 2026: Awarded by Atria Institute of Technology for contributions as a Coordinator during Atria Ignite 2026 CSR initiative.

Participant — CICADA Agentic AI Competition: Built innovative agentic AI solutions demonstrating strong problem-solving and real-world AI application skills.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Oracle (Oct 2025)

Deep Learning for Developers — Infosys Springboard (Dec 2025)

Responsible & Safe AI Systems — NPTEL (Oct 2025)

Python for Data Science — Infosys Springboard (Jul 2025)

MongoDB Certified DBA Associate (C100DBA) — Infosys Springboard (Feb 2025)

Programming Essentials in Python — Cisco Networking Academy (2025)