

BHARATHSIMHA REDDY PUTTA

Phone: +91 9347294579 | Email: bharathreddyget@gmail.com | LinkedIn: bharathsimhareddy@linkedin | GitHub <https://github.com/bharathmrr>

PROFESSIONAL SUMMARY

Innovative and detail-oriented AI Developer with a strong foundation in Artificial Intelligence and Machine Learning. Proven experience in building and deploying Generative AI and Agentic AI applications using modern frameworks such as LangChain, LangGraph, and Python. Proficient in developing robust backend systems using FastAPI, Flask, and Django, ensuring scalability and maintainability. Hands-on expertise in Deep Learning, NLP, and Computer Vision. Adept at problem-solving and cross-functional collaboration. Passionate about leveraging emerging technologies to create real-world solutions

EDUCATION

Siddharth Institute of Engineering and Technology , Puttur, Andhra Pradesh B.Tech in Computer Science Engineering (AI/ML)	CGPA: 8.62/10
Bharathi Junior College , Madanapalle, Andhra Pradesh Higher Secondary (XII) – MPC	Percentage: 79.5%
Master Minds IIT Talent EM School , Madanapalle, Andhra Pradesh Secondary School (X)	CGPA: 8.2/10

TECHNICAL SKILLS

- **Programming languages:** Python
- **Frameworks:** Django, Flask, FastAPI, TensorFlow, LangChain, LangGraph, MLFlow
- **Tools & Platforms:** GitHub, Linux, Power BI, VS Code, Jupyter Notebook, Git, DVC
- **Deployment:** Docker, AWS
- **Databases:** MySQL, MongoDB
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Excel
- **Technologies:** MLOps, LLMOps, Deep Learning, NLP, Computer Vision, Generative AI, Agentic AI, n8n

INTERNSHIPS

Data Science Intern

Elsystems Technologies | Apr 2025 – May 2025

- Applied data preprocessing, EDA, and machine learning algorithms using Python libraries (Pandas, NumPy, Scikit-learn).
- Developed a complete data science project pipeline from data collection to model evaluation and reporting.

Web Developer Intern

Vault of Codes | Nov 2023 – Jan 2024

- Developed and maintained responsive web apps using HTML5, CSS3, and JavaScript.
- Collaborated with the UI/UX team to improve design efficiency, boosting user engagement by 20%.

PROJECTS

BuildPilot – Agentic MVP Generator with MCP

Autonomous product manager powered by LLMs and modular tools

- Developed a multi-agent system that transforms product ideas into MVPs using LangGraph and Model Context Protocol (MCP).
- Designed agents for market research, feature planning, code generation, UI design, and deployment — each with MCP-compliant tool schemas. Achieved end-to-end MVP deployment in <5 minutes with up to 90% code functionality out-of-the-box.

AutoDevOps – LLM-Powered Infrastructure Orchestration

Zero-touch infrastructure deployment with agentic AI and Terraform

- Built an autonomous DevOps platform using LangGraph agents and MCP tools to convert plain English instructions into deployed cloud infrastructure.
- Implemented agents for infra planning, IaC generation (Terraform), validation, deployment (AWS CLI), and monitoring — each exposing standard MCP interfaces.
- Reduced manual DevOps time by 95% while maintaining full IaC auditability and rollback support.

Multi-Agent Travel Assistant with LangGraph

AI-powered personalized travel assistant using multi-agent systems

- Built a travel assistant using LangGraph and agentic design to suggest destinations, hotels, and local activities.
- Integrated intelligent agents for context-aware reasoning and real-time recommendations.
- Created a unified, AI-curated itinerary planner to simplify travel planning.

CERTIFICATIONS

- **Generative AI & LLMs Workshop – Cuvette Tech**
Hands-on development of GenAI applications using Hugging Face models and LLMs
- **Data Analytics – Deloitte**
Worked on real-world data analysis projects involving data cleaning, transformation, and visualization using Excel, SQL, and Python; applied statistical methods to derive actionable business insights.
- **Mastering Django – GeeksforGeeks**
Comprehensive Django backend training with REST API and ORM
- **AWS Certified Solution Architect Associate(SAA) – GeeksforGeeks**
Certified in EC2, S3, IAM, and DevOps foundations