Bharath Simha Reddy Bhureddy

✉ bharathsimhareddybhureddy@gmail.com | ☎ +91-7670978187
🐙 github.com/Bharathsimhareddy18 | 🔗 linkedin.com/in/bharath-simha-reddy-bhureddy-b988092b0

Skills

Programming Languages: Python, JavaScript, SQL, C (Novice), Java (Novice)
AI/ML Technologies: ML, DL, LLMs, LangChain, LangGraph, VectorDB, GenAI, NLP, NLU, Computer Vision
Cloud & Tools: GCP, AWS SageMaker, MLOps
Web Technologies: MERN Stack, TailwindCSS, Flask, FastAPI
Platforms: Render, Netlify, Vercel

Languages Known

English, Hindi, Kannada, Telugu

Work Experience

BOdega Delivery, Guntur, AP   July 2025 - Present
AI/ML Engineering Intern (AI Product Engineering)

- Enhanced customer engagement by 40% by developing a RAG chatbot system for price negotiation which led to improved user experience and dynamic pricing capabilities
- Increased product accessibility by implementing an AI voice assistant for product queries which resulted in hands-free shopping functionality and 25% faster query resolution
- Streamlined backend operations by integrating MongoDB for price data extraction which achieved 60% faster data retrieval and real-time pricing updates
- Python, JavaScript, ML, DL, LLMs, APIs, MongoDB, RAG Architecture

Education

Annamacharya Institute of Technology and Sciences, Tirupati   2022 - 2026
B.Tech in Artificial Intelligence and Machine Learning   *CGPA: 8.5/10*
Class Representative for 2 years
Relevant Coursework: Data Structures and Algorithms, Machine Learning, Deep Learning, Python Programming, Database Management Systems, Computer Networks, Web Development, Software Engineering, OOPS, Operating Systems

Project Work

- **Deepfake Detection:** Developed a deep learning solution for identifying manipulated media content by implementing CNN MobileNet transfer learning architecture, achieving 85% accuracy on 190K training images and deployed using Flask on Render platform
  – Technologies Used: Deep Learning, CNN, MobileNet, Transfer Learning, Flask, Render, Python
- **AI Price Negotiate Chatbot:** Developed an intelligent negotiation system for e-commerce pricing by implementing RAG architecture with MongoDB integration, enabling dynamic price extraction and 30% improvement in customer satisfaction through automated interaction
  – Technologies Used: RAG Architecture, LLMs, MongoDB, Python, NLP, Chatbot Development
- **FAQ Chatbot:** Developed an automated customer support system for handling frequently asked questions by training RNN model on custom JSON dataset using NLP bag-of-words technique, achieving 90% accuracy in providing instant responses to user queries
  – Technologies Used: RNN, NLP, Bag of Words, JSON, Python, Custom Dataset Training

Awards and Certifications

- **Google Arcade Advanced Milestone:** Achieved advanced milestone in 2024 cohort by Google
- **Google Cloud Computing Foundations Certificate:** Completed comprehensive GCCF certification by Google
- **2nd Position in Codethon:** Secured second place in college-level coding competition demonstrating algorithmic problem-solving skills
- **Prompt Engineering Certificate:** Completed "Prompt Engineering: Parameters and Use Cases" certification by NASSCOM
- **Product Management Fundamentals:** Earned certificate in product management fundamentals by IBM
- **Build Real World AI Applications:** Completed skill badge certification by Google