BHARATHSIMHA REDDY PUTTA

Phone: +91 9347294579 **Email:** bharathreddyget@gmail.com **LinkedIn:** www.linkedin.com/in/bharathsimha-reddy-putta-a2292a211 **GitHub:** https://github.com/bharathmrr **Portfolio:** view portfolio

Address: 16-633-H5,Ramalayam Street,Behind DSP bangla, Basinikonda, Madanapalle, Andhra Pradesh ,517325

PROFESSIONAL SUMMARY

Results-driven and detail-oriented Computer Science graduate with a specialization in Artificial Intelligence and Machine Learning. Proficient in Python, Java, Django, Flask, and TensorFlow with hands-on experience in web development, data science, and deploying predictive ML models. Adept at using tools like Docker, GitHub, and Power BI, and databases including MySQL and MongoDB. Demonstrates strong problem-solving abilities and collaboration skills, with a passion for building scalable, real-world AI solutions and full-stack applications.

TECHNICAL SKILLS

- **Languages:** Python, Java, C
- **Frameworks & Libraries:** Django, Flask, TensorFlow, LangChain, LangGraph, MCP, FastAPI
- **Tools & Platforms:** GitHub, Docker, Linux, Power BI, Visual Studio Code, Jupyter Notebook
- **Databases:** MySQL, MongoDB
- **Web Technologies:** HTML, CSS, JavaScript, JSON
- **Core Areas:** Machine Learning, Deep Learning, Generative AI, Computer Vision, Agentic AI

SOFT SKILLS

- Strong communication and teamwork skills
- Problem-solving and analytical mindset
- Efficient time management and organization

EDUCATION

B.Tech in Computer Science Engineering(AI/ML)
- Siddharth Institute of Engineering and Technology Puttur, Andhra Pradesh.
- **Graduated:** April/2025 | **CGPA:** 8.62/10

Higher Secondary(XII)-MPC
- Bharathi Junior College Madanapalle, Andhra Pradesh
- **Graduated:** March/2021 | **Percentage:** 79.5%

Secondary High School (10th)
- Master Minds IIT Talent EM School Madanapalle, Andhra Pradesh
- **Graduated:** March/2019 | **CGPA:** 8.2/10

WORK EXPERIENCE

Data Science Intern – EI Systems Technologies
Feb 2025 – March 2025
- Implemented ML models on real-world datasets using Python, Pandas, NumPy, and scikit-learn.
- Practiced data preprocessing, feature engineering, and model evaluation techniques.

Full-Stack Java Developer – Codegenius Innovations
Sep 2024 – Oct 2024
- Designed a full-stack Java application with Spring Boot and REST APIs
- Developed responsive front-end interfaces ensuring multi-device compatibility

Web Developer Intern – Vault of Codes
Nov 2023 – Jan 2024
- Developed and maintained web applications using HTML, CSS, and JavaScript.
- Collaborated with UI/UX designers to build responsive interfaces, increasing user engagement by 20%.

PROJECTS

AI-Powered Sketch-to-Code & Image Generation Tool
Project Description:
- Developed an AI tool that converts hand-drawn sketches into live HTML/CSS/JS code using Hugging Face models and GPT-4, reducing UI prototyping time by 60%.
- Integrated deep learning models for generating realistic UI designs from sketches, using Hugging Face's image generation models
- Combined OpenCV, Tesseract OCR, and GPT-4 for intelligent element detection and layout generation, enabling seamless conversion of sketches into interactive web pages
- Achieved 89% accuracy in sketch recognition and code generation, resulting in a 60% reduction in UI prototyping time.

Avatar Clone AI – Simulating Celebrity Personas
Project Description:
- Developed an AI-powered chatbot to simulate celebrity personas in conversation and tweets, using GPT models for natural language processing
- Integrated Python, Django, and REST APIs for backend interaction, ensuring smooth communication and personalized responses.
- Achieved 90% accuracy in simulating realistic celebrity interactions, enhancing user engagement in entertainment and social media interfaces

YOLO Object Detection
Project Description:
- Developed a real-time object detection system using YOLO and Non-Max Suppression for efficient object localization.
- Achieved 85% accuracy with a processing speed of 0.03 seconds/frame, optimized for real-time applications.
- Applied in surveillance systems to reduce manual monitoring by 30%, enhancing automation and efficiency

YOLO Object Detection
Project Description:
- Developed a real-time object detection system using YOLO and Non-Max Suppression for efficient object localization.
- Achieved 85% accuracy with a processing speed of 0.03 seconds/frame, optimized for real-time applications.
- Applied in surveillance systems to reduce manual monitoring by 30%, enhancing automation and efficiency

HOBBIES

- Playing chess to enhance strategic thinking and problem-solving skills
- Developing DIY programming projects to improve technical expertise
- Writing Blogs about AI and machine learning advancements