Sanjana Bonagiri

📍 Hyderabad, India — 📞 +91 6301804705

✉ bonagirisanjana1116@gmail.com — 🔗 sanjana-bonagiri — ⭘ Sanjanabonagiri16

Professional Summary

Detail-oriented Computer Science professional with expertise in Python, web development (HTML, CSS, JavaScript), and cloud technologies (Azure). Proficient in React.js for building scalable web applications and skilled in AI, particularly Generative AI and NLP. Experienced in RPA, database management with SQL, and data visualization with PowerBI. Strong in Git for version control and versatile in prompt engineering and digital marketing.

Education

B.Tech in Computer Science & Engineering (AI & ML)
Malla Reddy Engineering College   Expected 2025

Skills

- **Programming Languages**: Python, Java, HTML, CSS, JavaScript

- **Web Development**: React.js, Node.js, Tailwind CSS

- **AI & ML**: Generative AI, Natural Language Processing (NLP)

- **Cloud Technologies**: Azure, Cloud Computing

- **Databases**: SQL, DBMS, Firebase

- **Tools**: Git, PowerBI, OpenAI API

- **Other Skills**: Prompt Engineering, Digital Marketing

Experience

Python Developer Intern   *InnoByte Services*   Sep 2024 - Present

- Developed Python-based automation tools for data processing, optimizing workflows by 30%.
- Collaborated with the development team to build responsive, scalable solutions for clients.

AI Project Intern   *Cognizant*   Dec 2023

- Conducted exploratory data analysis for Gala Groceries using Python, improving machine learning models' performance.
- Developed a Python module to train models and generate performance metrics, communicating results to stakeholders.

Software Engineering Job Simulation   *J.P. Morgan*   Dec 2023

- Completed job simulation focusing on algorithm optimization and code efficiency.
- Demonstrated problem-solving skills, improving knowledge of enterprise-level software solutions.

Projects

Blockchain-Based Voting System

- Developed a secure and transparent voting mechanism using blockchain technology in Python, ensuring integrity and anonymity.

Online Quiz Web Application

- Built a web application using HTML, CSS, JavaScript, and SQL to enable quizzes with instant results and certificates.

AI Jarvis with Smart Blind Stick

- Developed an AI assistant integrated with a smart blind stick using Arduino, Python (OpenAI API), and PyQt5 for accessibility.
- Secured a patent for this assistive technology improving navigation for the visually impaired.

DriveWise - Driving School Management System

- Developed a web-based system for managing driving schools, instructors, and clients using HTML, CSS, JavaScript, and Node.js.

Certifications

- IBM Robotic Process Automation (RPA)
- LetsUpgrade Node.js
- Walmart Global Tech Advanced Software Engineering
- Microsoft Certified: Azure Fundamentals
- Accenture Data Analytics and Visualization Job Simulation
- UiPath Automation Starter

Achievements

- Patent: AI Jarvis with Smart Blind Stick
- Student Ambassador: LetsUpgrade, Internshala