Sriramula Gowtham

Python & JavaScript Developer | AI & Cloud Enthusiast

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CAREER OBJECTIVE

Aspiring Python & JavaScript Developer with a strong foundation in web development and backend programming. Passionate about building intelligent systems using AI tools like OpenCV and MCP. Actively expanding expertise in full-stack development, cloud technologies (AWS), and real-world data processing. Eager to contribute to innovative tech teams and grow through continuous learning and hands-on projects.

EDUCATION

Malla Reddy College of Engineering and Technology, Hyderabad
Bachelor of Technology – Computer Science and Engineering
2021 – 2025 | CGPA: 8.6/10

PROJECTS

Sign Language Translator using CNN (2023)
- Worked as **Team Leader** and **Developer** to build a real-time sign language recognition system using Python, **OpenCV,** and Convolutional Neural Networks (CNN).
- Developed a CNN model to accurately classify hand gestures from American Sign Language (ASL).
- Integrated webcam input for real-time gesture recognition and converted signs to readable text output.
- Technologies used: **Python, OpenCV, TensorFlow/Keras, NumPy**

eCommerce Website using Python and JavaScript (2024)
- Led the development of a full-stack eCommerce platform as **Team Leader**.
- Built dynamic frontend features using **JavaScript** for cart management and product filtering.
- Collaborated on backend development with **Python (Django)** and integrated **SQLite** for data storage.
- Designed a responsive UI using **HTML, CSS, and Bootstrap**.

Major Project
Searchable and Verifiable Data Protection for Scholarly Big Data (2025)
Role: Team Leader
- Developed a secure cloud-based system to protect scholarly big data using encrypted keyword search and data integrity verification.
- Implemented searchable encryption and integrated a trusted third-party verifier for secure access and validation.
- Designed the backend using Java, JSP, and SQL, deployed on Apache Tomcat server.
- Focused on ensuring data privacy, authenticity, and efficient retrieval in a scalable environment.
  Technologies Used: Java, JSP, SQL, Cloud, Apache Tomcat

CERTIFICATIONS

- **Employability Skills – Wadhwani Foundation (Council for Skills and Competencies)**
- **Technology Job Simulation – Deloitte (Certificate of Completion)**
- **MySQL Databases – NxtWave CCBP 4.0**
- **Additional certifications available on my LinkedIn profile**

SKILLS

- **Programming & Scripting: Python, Java, JavaScript, SQL**
- **Web Development: HTML, CSS, Bootstrap, JSP, REST API**
- **Tools & Platforms: VS Code, Git, GitHub, Apache Tomcat, Power BI, ServiceNow (basic), MCP (Model Context Protocol)**
- **Cloud & DevOps: AWS (S3, Lambda, IAM, EC2, DynamoDB – hands-on labs ongoing), CI/CD (basic)**
- **Technical Areas: Application Support, Log Analysis, System Troubleshooting**
- **Soft Skills: Team Collaboration, Formal Communication, Client Interaction, Problem Solving**