

## MAHESHWAR SOMA

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### PROFILE SUMMARY

Recent Engineering graduate with a strong foundation in Python programming, data science fundamentals, and cloud technologies. Passionate about building AI-powered solutions and working with APIs, databases, and scalable architectures. Familiar with Git, GitHub, and AWS, and actively learning TensorFlow and Azure for machine learning and model deployment. Known for clear communication skills, collaborative mindset, and a strong interest in solving real-world problems through data-driven insights. Eager to contribute to innovative teams and grow in roles that blend software engineering with AI and analytics

### EDUCATION

Bachelor of Technology - Electronics and Communication Engineering	2021 - 2025
Sri Venkateswara Engineering College	CGPA: 6.40/10

### TECHNICAL SKILLS

- |                                     |  |
|-------------------------------------|--|
| • <b>Languages</b>                  | : Python, HTML, CSS, JavaScript                                    |
| • <b>Databases</b>                  | : MySQL, SQLite (basic)  |
| • <b>Cloud Platforms</b>            | : AWS (EC2, S3), Microsoft Azure (VM, SQL Database, Databricks)    |
| • <b>Libraries &amp; Frameworks</b> | : TensorFlow (intro), Pandas, NumPy, Scikit-learn                  |
| • <b>Tools</b>                      | : Git, GitHub, Postman, VS Code                                    |
| • <b>Concepts</b>                   | : APIs, Data Science, AI Fundamentals, Model Training & Evaluation |

### PROJECTS

#### Personal Portfolio Website

**Technologies Used:** HTML, CSS, JavaScript, Git, GitHub

- Designed and developed a professional portfolio website to present projects, technical skills, resume, and contact details in a structured and organized way.
- Built responsive and cross-device compatible web pages using semantic HTML and CSS, ensuring smooth viewing on desktops, tablets, and mobile devices.
- Implemented a clean layout with intuitive navigation to deliver a seamless and user-friendly browsing experience.
- Utilized Git for version control and GitHub for hosting, enabling easy collaboration, continuous updates, and smooth project deployment.
- Enhanced the website's visual appeal with modern styling, typography, and color schemes, resulting in a polished and engaging design.

**AI-Powered ATS Resume Analyzer Technologies:** Python, Flask, Node.js, Express.js, Google Gemini API, HTML, CSS, JavaScript, Docker

- Built a full-stack AI-powered web application that intelligently analyzes resumes against job descriptions using Google's Gemini LLM for contextual understanding.
- Implemented resume parsing and text extraction from PDF/DOCX using PyMuPDF and python-docx, ensuring accurate data retrieval.
- Designed a microservice-based architecture with Flask handling AI processing and Node.js serving as a secure gateway between client and server.
- Integrated prompt-engineered Gemini API calls to generate ATS compatibility scores, missing keyword analysis, and personalized improvement feedback.
- Developed an interactive and responsive frontend with real-time result visualization and smooth user experience using HTML, CSS, and JavaScript.

### CERTIFICATIONS

Python Programming Certificate - [Credentials](#)

### ADDITIONAL SKILLS

Problem-solving skills | Communication skills | Quick learner | Time Management skills