

Ajay Maddineni

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Career Objective — To secure an entry-level Software Development role where I can leverage my skills in Python, Flask, SQL, and cloud deployment on Microsoft Azure. With hands-on experience in building and deploying web applications, I aim to contribute to innovative projects, enhance system efficiency, and grow as a versatile professional while continuously learning new technologies.

Technical & Transferable Skills

Programming : Python

Web Development : HTML5, CSS3, Bootstrap, JS, Flask

Databases: SQL, RDBMS

Cloud Platforms: Microsoft Azure (AZ-900), Azure App Service, Power Apps (PL-900)

Development Tools : VS Code, Git, GitHub, Copilot

Testing : Unit Testing, Functional Testing, UI Testing, PyTest

Operating Systems: Windows, Linux

Soft Skills: Excellent Communication, Team Collaboration, Adaptability, Strong Attention to Detail, Time Management

Relevant Experience & Projects

SpendWise – Personal Finance Web App (Flask, Azure)(Under Development)

- Designed and implemented a Flask-based app for income/spend tracking and personalized budgeting.
- Integrated SQL schema and planned chart visualization for interactive spend analysis.
- Used AI-assisted tools (Copilot/ChatGPT) for debugging and code review.

BMI Calculator Web Application (Flask, Azure)—(Self Driven Project)

- Built and deployed a responsive BMI calculator using Flask and Python.
- Conducted unit/UI testing to ensure validation accuracy across devices.
- Deployed on Azure App Service, optimizing load times.
- **Live Website:** <https://bmicalcapp-htdvfebgdqbuc2fe.centralindia-01.azurewebsites.net/>

Zoo Website – Responsive Multi-Page Website—(Self-Driven Project)

- Developed a multi-page responsive website with reusable components.
- Optimized responsiveness and load speed, improving user experience across devices.
- **Live Website:** <https://aj-02-m.github.io/Zoo-Website/index.html>

Education

Narasaraopeta Engineering College

Bachelor of Technology in Mechanical Engineering

CGPA: 7.68 — Passout: 2024

Sri Chaitanya Jr College

MPC

CGPA: 7.46 — Passout: 2020

Care High School

SSC

CGPA: 9.0 — Passout: 2018

Certifications

- Microsoft Azure Fundamentals (AZ-900)
- Microsoft Power Platform Fundamentals (PL-900)
- Python – Coursera (UMich), NPTEL
- Databricks - Prompting Fundamentals
- IBM Databases and SQL - Coursera

WorkShops and Activities

- PwC Switzerland Power BI Job Simulation (Forage)
- Completed internship training in South Central Railways (Vijayawada)
- Master Orator Championship Participant