

Snehitha Sai Sappa

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SUMMARY

Detail-oriented Software Engineer with experience in full-stack development, cloud computing, and data engineering. Proficient in Python, JavaScript, SQL, React.js, and AWS. Skilled in developing scalable web applications, machine learning models, and interactive dashboards. Having experience delivering data-driven solutions in Agile teams using modern frameworks and CI/CD practices.

EDUCATION

Master of Science, Information Technology and Project Management

Arizona State University

Expected May 2025

GPA: 3.89/4.0

Bachelor of Technology , Information Technology

PVP Siddhartha Institute of Technology

May 2023

GPA: 3.40/4.0

TECHNICAL SKILLS

Programming & Development: Java, JavaScript, C++, SQL, HTML5, CSS3, APIs, React.js

Data Science & Analytics: Scikit-learn, TensorFlow, Pandas, NumPy, Plotly, Seaborn, Matplotlib, Tableau, Jupyter

Databases & Cloud: MySQL, AWS Cloud Services, Google Cloud Platform (GCP), Docker, Git, GitHub

DevOps & Tools: CI/CD, Docker, AWS, Git, GitHub, Visual Studio Code (VS Code), Windows, Linux

Certifications: AWS Academy - Cloud Foundations Machine Learning Foundations, iNeuron.ai Java Community Class, ServiceNow Fundamentals Course, Data Analytics by Skillup - Simplilearn

PROFESSIONAL EXPERIENCE

Arizona State University, Tempe, AZ: Software Engineering Teaching Assistant

Jan 2024 – May 2024

- Assisted over 50 students with coding challenges and Python programming, providing personalized feedback to improve performance. Contributed to developing course materials aligned with AWS and GCP best practices, resulting in a 20% increase in participation and a 15% improvement in exam scores.

Arik Infotech Pvt. Ltd., Bangalore, India: Software Engineer - Junior Web Developer

Dec 2021 – May 2023

- Developed responsive web interfaces with HTML5, CSS3, JavaScript, and React.js, improving page load times by 30%. Integrated CI/CD workflows using Git and Jenkins, speeding up deployment by 40%. Utilized AWS for cloud computing, improving application performance by 25% in an Agile environment.

AICTE Edu Skills, Hyderabad, India: Software Engineer Intern - Data Engineering

June 2021 - November 2021

- Developed data-driven solutions with Python and TensorFlow, boosting model performance by 20%. Improved data pipelines, reducing dataset preparation time by 25%. Used visualization tools to present insights, enhancing decision-making and increasing team efficiency by 30%.

ACADEMIC PROJECTS

Interactive Dashboard for Loan Data Analysis

Jan 2024 – May 2024

- Created an interactive loan data dashboard using Python, R, JavaScript, and Tableau, improving data exploration by 35%, reducing reporting time by 40%, and enhancing actionable insights by 25%.

Tourist Management System

Jan 2024 - May 2024

- Developed a tourism management system with SQL and Python, improving system performance by 30% and reducing task completion time by 25%.

IT Asset Management System

Aug 2023 - Dec 2023

- Designed a cloud-based IT asset tracking system using SQL, Python, and Java, improving data accuracy by 40% and reducing tracking errors by 30%.

PAPER PUBLICATION

Skill Set Based Recommender System for Jobs and Internships

Aug 2022 – Dec 2022

- I led the development of a skill-based job recommender system using HTML, CSS, JavaScript, and PHP, improving user satisfaction by 40% and reducing bugs by 30% through optimized UI performance. The project focused on delivering a smooth user experience while enhancing the frontend. It was published in the IJARSCIT in November 2023. [View Publication](#)