Snehitha Sai Sappa

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SUMMARY

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

EDUCATION

Master of Science, Information Technology and Project Management Expected May 2025
Arizona State University GPA: 3.89/4.0
Bachelor of Technology , Information Technology May 2023
PVP Siddhartha Institute of Technology 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)
DevOps & Tools: Docker, CI/CD, Git, GitHub, Visual Studio Code, Windows, Linux
Certifications: AWS Academy - Cloud Foundations Machine Learning Foundations, iNeuron.ai Java Community Class, ServiceNow Fundamentals Course

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, accelerating deployments by 40%. Utilized AWS for cloud computing, boosting 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 IJARSCT in November 2023. **View Publication**