

Snehitha Sai Sappa

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SUMMARY

Frontend Software Engineer with a strong background in developing responsive web interfaces using HTML5, CSS3, JavaScript, and React.js. Achieved a 30% improvement in page load times and reduced bounce rates by 15% through effective CI/CD integration. Proven ability to enhance user experiences in Agile environments, committed to leveraging frontend expertise to deliver impactful solutions and support strategic objectives.

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

Languages & Programming: Python, Java, JavaScript, C++, R, SQL, HTML5, CSS3, PHP

Frameworks & Libraries: React.js, Node.js, Scikit-learn, TensorFlow, Pandas, NumPy, Plotly, Seaborn, Matplotlib

Databases, Cloud & DevOps: MySQL, MongoDB, AWS (EC2, S3, CloudWatch), Google Cloud Platform, Azure, Docker, Kubernetes, CI/CD, Git, GitHub

Tools & OS: Visual Studio Code, Tableau, MS Excel, Jupyter, Android Studio, Windows, macOS, Linux

Certifications: AWS Academy (Cloud Foundations & Machine Learning Foundations), iNeuron.ai Java Community

PROFESSIONAL EXPERIENCE

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

Jan 2024 – May 2024

- Assisted over 50 students with Python, JavaScript, and React.js challenges, which improved their performance. Contributed to AWS and GCP-aligned course materials, leading to increased participation and higher exam scores. Created an Agile learning environment for full-stack development and cloud computing, enhancing student engagement and collaboration

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

Dec 2021 – Dec 2022

- Developed responsive web interfaces using HTML5, CSS3, JavaScript, and React.js, improving page load times by 30% and reducing bounce rates by 15%.
- Integrated CI/CD pipelines with Git, Jenkins, and AWS, automating deployments and enhancing application performance by 25%.

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

June 2021 - November 2021

- Deployed machine learning models with Python and TensorFlow, improving performance by 20%. Optimized ETL pipelines using Python, increasing team efficiency by 30%. Created data visualizations with Matplotlib, Seaborn, and Plotly to support data-driven decisions.

ACADEMIC PROJECTS

Interactive Dashboard for Loan Data Analysis | *Python, R, JavaScript, React.js, Tableau*

Jan 2024 – May 2024

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

Tourist Management System | *Python, SQL*

Jan 2024 – May 2024

- Developed a relational database and SQL queries to manage data for a tourism management system using Python, improving performance by 30% and reducing task completion time by 25%.

IT Asset Management System | *SQL, Python, Java*

Aug 2023 – Dec 2023

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

PAPER PUBLICATION

Skill Set Based Recommender System | *HTML, CSS, JavaScript, PHP*

Aug 2022 – Dec 2022

- Led the development of a skill-based job recommender system using HTML, CSS, JavaScript, and PHP.
- Improved user satisfaction by 40% and reduced bugs by 30% through optimized UI performance.
- Published in IJARST in November 2023. **View Publication**