

SAHITI ADEPU

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EDUCATION

Florida State University

Masters - Computer Science *GPA: 3.96/4*

Tallahassee, Florida

Aug 2023 - May 2025

Coursework - Network Security Active and Passive Defenses, Artificial Intelligence, Applied Machine Learning, Projects for Data Science, Data & Computer Communications

Jawaharlal Nehru Technological University

Bachelors Computer Science *GPA: 8.16/10*

Hyderabad, India

July 2018 - July 2022

Coursework - Programming in C++, JAVA, Data Structures & Algorithms, Operating Systems, Database Management Systems, Software Engineering, Web Technologies, Object Oriented Programming

TECHNICAL SKILLS

Programming Languages:	Python, C, Java, JavaScript, C#, C++
Database Management Systems:	MySQL, PostgreSQL, IBM DB2, Oracle, MongoDB(NoSQL)
Operating Systems & Cloud Technologies:	Windows, Linux, MacOS, Azure, AWS, OpenText Cloud
Tools & Frameworks(Others):	Kubernetes, Docker, Git, JIRA, Confluence, TeamCity, SAP, Excel
Web Technologies:	HTML/CSS, PHP, Bootstrap, XML, JSON, Node.js, Angular

WORK EXPERIENCE

OpenText

Associate Software Engineer

Hyderabad, India

October 2021 - June 2023

- Led the development of runtime SpecFlow plugins and advanced C# automation scripts in .NET framework, leveraging Selenium & Cucumber tools for Enterprise Product Platform, Intelligent Capture.
- Developed and migrated export modules: DCTM REST, Standard Export - ODBC, ContentServer, AppEnhancer, using NodeJS and SQL, automating data extraction and saving users 2+ hours per task.
- Recognized as OpenText Navigator twice for outstanding collaboration in cross-functional teams, streamlining communication channels and fostering a collaborative work environment.

OpenText

Software Developer Intern

Hyderabad, India

September 2021 - October 2021

- Designed and deployed a large-scale feature using Java, Python, Node.js, Agile methodologies, integrated AWS, and cloud storage with OT content management suite, resulting 75% reduction in server load.
- Analyzed enterprise data using Microsoft Excel and Python; identified key patterns and trends, contributing to a 25% improvement in data-driven decision-making.

EPAM Systems

Software Engineer Trainee (Pre Education Program)

Remote, India

September 2020 - June 2021

- Extensively worked on SQL, ORACLE, PostgreSQL, IBM DB2 Database creation and gained expertise in writing queries for management, stored procedures, database triggers.
- Acquired proficiency in deploying UI for the Business Process Management platform, utilizing React and Bootstrap for UI development, Maven, Git, Docker for containerization, TeamCity for CI/CD.

PROJECTS AND RESEARCH EXPERIENCE

Hospital Inventory Management System using MERN Stack (*Node.js, Postman, JSON, XML*)

Designed and implemented an advanced hospital management system using the MERN stack, featuring ventilator status tracking to reduce hospital overpopulation during the COVID-19 pandemic. Utilized HTML, CSS, Tailwind CSS, JavaScript, jQuery, DataTables, jsonwebtoken for a secure, responsive, and interactive UI.

Food Recipe Recommendation System (*Flask, NLTK, Scikit-learn, HTML/CSS, JavaScript*)

Designed and implemented a Python Flask-based recipe recommendation system leveraging NLP and machine learning, incorporating extensive EDA, and visualization using pandas, matplotlib, and seaborn, serving a database of over 4,000 recipes with a user-friendly interface.

Construction Site Accident Avoidance System (*Research under Prof. M. Shanker*)

Engineered a GUI-based real-time system using deep learning technologies: YOLO, CNN, MediaPipe, Computer Vision, to enhance safety measures and prevent accidents at construction site by detecting safety helmets, jackets and monitoring worker activity.