

# SAHITI ADEPU

Tallahassee, Florida · sa23bb@fsu.edu · <https://sahiti10.github.io/>

## EDUCATION

### Florida State University

Masters - Computer Science *GPA: 3.9/4*

Tallahassee, Florida

Aug 2023 - Aug 2025

### Jawaharlal Nehru Technological University(JNTUH)

B.Tech - Computer Science and Engineering *GPA: 8.16/10*

Hyderabad, Telangana, India

July 2018 - July 2022

## WORK EXPERIENCE

### Opentext Technologies

*Software Engineer I*

Hyderabad, India

Oct 2021 - June 2023

- Led the development of runtime SpecFlow plugins and advanced C# automation scripts in .NET framework, leveraging Selenium & Cucumber tools.
- Led development of DCTM REST & Application Enhancer modules for IC, utilizing HTML, CSS, and SQL to automate data extraction from diverse documents, saving users 2 hours per task.
- Recognized for outstanding collaboration in cross-functional teams, streamlining communication channels and fostering a collaborative work environment. Contributed to a 20% enhancement in data retrieval speed, ensuring efficient management and retrieval of critical information.

### Opentext Technologies

*Software Developer Intern*

Hyderabad, India

Sep 2021 - Oct 2021

- Acquired proficiency in deploying UI for the Business Process Management platform, utilizing React and Bootstrap for UI development, Git, Docker for containerization, Jenkins for CI/CD.
- Implemented streamlined processes, resulting in a 20% reduction in deployment time and ensuring seamless user experiences.

### Internshala

*Web development Trainee*

Remote

Jun 2020 - July 2020

- Worked on a real-time e-commerce website developing project using HTML & CSS, Javascript, PHP, SQL, JQuery, Bootstrap. Gained proficiency in server-side CSS pre-processing platforms - SASS.
- Implemented responsive design principles to ensure seamless user experiences across various devices, enhancing accessibility and usability.

## TECHNICAL SKILLS

Languages:	C, C#, C++, Java, Python, JavaScript
Database Management Systems:	MySQL, PostgreSQL, Oracle, IBM DB2, MongoDB
Web Development:	HTML, CSS, PHP, ReactJS, Bootstrap, Angular, JQuery
Tools & Frameworks:	Docker, Kubernetes, Jenkins, NUnit, Selenium, Git, Node JS

## PROJECTS AND RESEARCH EXPERIENCE

### Construction Site Accident Avoidance System YOLO, CNN, MediaPipe, Computer Vision

Engineered a GUI-based real-time accident detection system employing deep learning technologies.

### Hospital Inventory Management System using REST API MongoDB, NodeJS, REST API

Developed a MERN stack application for tracking the ventilators' status in hospitals during COVID-19.

### Cardiovascular Disease Prediction Using Genetic Algorithm

Developed an advanced cardiovascular disease prediction system, leveraging ANN and binary classification, to provide early warnings based on common risk factors, ensuring proactive healthcare intervention.

### Bridging Network Topologies: A Software- Based Interactive Network Emulator System

Implemented an network emulator system that intricately replicates the functionalities of bridges, stations, and routers within Ethernet LANs and IP internetwork environments.

### Driver Safety Prediction System

Led the development of a real-time driver safety prediction system, integrating CNN and OpenCV —pioneering advancements in road safety technology with applications in self-driving cars.

## CERTIFICATIONS

Problem Solving through Programming, Web Development, Data Science for Engineers, Ethical Hacking, Introduction to Research, Social Networks, Real-Time Systems, Machine Learning, Deep Learning with Python, AI for Everyone