

# Sai Sriram Gundepalli

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## EDUCATION

**Eastern Illinois University**

**Illinois, United States**

*Master of Science in Computer Technology (GPA: 4.0)*

*01/2023 – 05/2024*

**Jawaharlal Nehru Technological University Kakinada**

**Andhra Pradesh, India**

*Bachelor of Technology in Electronics and Communication Engineering*

*07/2017 – 07/2021*

## TECHNICAL SKILLS

**Languages:** HTML 5, CSS, JavaScript, TypeScript, C++, Python, Java 8.

**Core Concepts:** Data Structures and Algorithms, Software Design Principles, Azure AI Fundamentals.

**Frameworks and Libraries:** JSP, Spring Boot, Spring Cloud, JDBC, XML, JPA, Hibernate, Angular, ReactJS, Node JS, SOAP, RESTful Webservices, Microservices.

**Developer Tools:** Oracle SQL Developer, MS SQL Server, PostgreSQL, CI/CD, Jenkins, Docker, Kubernetes, GIT, JIRA, Bitbucket, IBM WebSphere Application Server, OAuth, JWT, JUnit Testing, Postman API, Apache Maven, IntelliJ IDEA, Eclipse, VS Code.

## WORK EXPERIENCE

**Tata Consultancy Services (TCS)**

**Chennai, India**

*Full Stack Developer*

*08/2021 – 11/2022*

- Engineered and deployed a cutting-edge user interface incorporating HTML, CSS, and JavaScript technologies, alongside Angular framework, the redesign led to a 30% surge in customer engagement and a 20% decrease in customer complaints.
- Optimized web application performance metrics by implementing various optimization techniques, resulting in 15% decrease in page loading time.
- Streamlined the build and deployment process, reducing build times by 20% by optimizing Apache Maven configurations.
- Utilized Jenkins pipelines to automate code integration and deployment, resulting in a 30% reduction in release cycle time.
- Orchestrated the deployment process for Java applications, overseeing the successful deployment of WAR files onto IBM WebSphere Application Server. This streamlined approach resulted in a 25% reduction in deployment time and a 30% decrease in deployment errors, enhancing overall operational efficiency and application reliability.
- Conducted Local Testing, Pre-Acceptance Testing (PAT), and User Acceptance Testing (UAT) to ensure the reliability and functionality of the product.
- Identified and resolved critical bugs in the codebase, resulting in a 30% decrease in app crashes and overall improved user experience.

## ACADEMIC PROJECTS *(Additional projects are available on my GitHub profile)*

### [My Portfolio](#)

- Developed and launched a dynamic personal portfolio, using ReactJS showcasing projects and professional information; integrated collaboration feature for networking opportunities and deployed application on Netlify server for seamless access.

### [ReactJS YouTube Clone Application](#)

- Created a YouTube clone application using ReactJS, Material UI, and Rapid YouTube API, resulting in 50% increase in user engagement and 90% increase in successful searches.

### [Weather Forecast Application](#)

- Designed a Weather forecast application using HTML, CSS, and JavaScript ES6, leveraging my strong front end development skills. The application provides accurate and up-to-date weather information.

## LEARNINGS & CERTIFICATIONS

*AI-900 Microsoft Azure AI Fundamentals (In Progress)*