# Sai Sriram Gundepalli

Gmail | (217) 790-8648 | United States | LinkedIn | GitHub | Twitter | Leetcode

## 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, OOPS, Software Design Principles.
**Frameworks and Libraries:** Spring Boot, Spring Cloud, JDBC, JPA, Hibernate, Angular, ReactJS, Node JS, SOAP, RESTful Webservices, Microservices.
**Developer Tools:** Oracle SQL Developer, PostgreSQL, Jenkins, Docker, Kubernetes, JIRA, Bitbucket, IBM WebSphere Application Server, 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 5, and JavaScript ES6 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 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)*