

# Sai Sriram Gundepalli

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## TECHNICAL SKILLS

**Languages:** HTML 5, CSS 3, JavaScript, C++, Python, Java.

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

**Database:** Oracle SQL Developer, MySQL, PostgreSQL.

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

## Work Experience

**Tata Consultancy Services (TCS)**

**Chennai, India**

**Full Stack Developer**

**08/2021 – 11/2022**

### Frontend

- Engineered and deployed a cutting-edge user interface incorporating HTML 5, CSS 3, and JavaScript technologies, alongside Angular UI framework, the redesign led to a 30% surge in customer engagement and a 25% decrease in customer complaints.
- Utilized JavaScript, jQuery, and JSP to implement new features and functionalities on the banking website based on client requirements, resulting in user engagement metrics.
- Implemented CORS mechanism to enable seamless data access from backend servers to frontend applications, resulting in increase in overall user experience.
- Streamlined Postman API to conduct thorough testing of API endpoints, identifying and resolving 20% of bugs before production release.

### Backend

- Developed secure Microservices architecture by implementing Spring Boot and Hibernate, resulting in decrease in response time for RESTful Webservices and enhanced backend system performance.
- Implemented end-to-end authentication and authorization using Spring Security to protect sensitive data, leading to reduction in security breaches.
- Utilized Git repository and Jenkins building tool to streamline Continuous Integration and Continuous Deployment processes, resulting in a 30% reduction in deployment errors.
- Collaborated with team members to conduct code reviews and implement best practices for using Junit and Mockito in unit testing, resulting in a 15% improvement in code quality.
- Collaborated with cross-functional teams to optimize database queries and improve overall system performance, resulting in increase in efficiency.

**Academic Projects** *(Additional projects are available in 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. Applied theoretical knowledge in a real-world project, enhancing my understanding of API integration to frontend.

### Weather Forecast Application

- Designed a Weather forecast application using HTML, CSS, and JavaScript ES6. Integrated OpenWeather API to fetch real-time weather data. The application provides accurate weather info.

## Learnings & Certifications

- Obtained the Postman Student Expert Badge under the Postman API Fundamentals Student Expert Program. ([Postman Student Expert Badge](#))
- AI-900 Microsoft Azure AI Fundamentals (In Progress)

## Education

### **Eastern Illinois University**

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

**Illinois, United States**

*01/2023 – 05/2024*

### **Jawaharlal Nehru Technological University Kakinada**

*Bachelor of Technology in Electronics and Communication Engineering*

**Andhra Pradesh, India**

*07/2017 – 07/2021*