

Sai Sriram Gundepalli

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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

Andhra Pradesh, India

Bachelor of Technology in Electronics and Communication Engineering

07/2017 – 07/2021

TECHNICAL SKILLS

Languages: HTML 5, CSS 3, JavaScript, TypeScript, C++, Python, Java 8.

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

Frameworks and Libraries: JSP, jQuery, 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, 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 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.
- Developed secure Microservices architecture by implementing Spring Boot and Hibernate, resulting in a 40% 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 a 75% reduction in security breaches.
- Streamlined Postman API to conduct thorough testing of API endpoints, identifying and resolving 20% of bugs before production release.
- 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 a 20% increase in efficiency.

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)