# SAI SRIRAM
## FULL STACK DEVELOPER

## CONTACT

- ✉ saisriramgundepalli@gmail.com
- ☎ (217) 790-8648
- 🌐 saisriramgundepalli.netlify.app
- 🔗 linkedin.com/in/ssgundepalli
- ⚙ github.com/saisriramgit
- 𝕏 x.com/Sri_Ramtweets

## PROFILE

Software engineer with expertise in **frontend** & **backend development**. Passionate about **cloud technologies** & **System Design**.

## EDUCATION

2024
EASTERN ILLINOIS UNIVERSITY
**Masters in Computer Technology**

## MANAGEMENT SKILLS

- Team Collaboration
- Production Support
- Agile Development
- JIRA, Git, Excel, PowerPoint

## TECHNICAL SKILLS

- Java, C++, Python, Go (basics)
- HTML, CSS, JavaScript, Angular, Node.js, React.js, TypeScript
- Spring Boot, JPA, Microservices, RESTful web services, JDBC, REST API, JSON, XML, NPM
- Oracle SQL, MySQL, PostgreSQL, MongoDB
- Postman, Jenkins (CI/CD), Maven, Bitbucket, Figma
- Data Structures & Algorithms, Multithreading, OOP, Java Streams API, Design Patterns
- AWS (EC2, S3, Lambda, Redshift), AI/ML, Network Protocols, CDN
- IntelliJ IDEA, Eclipse, VS Code

## EXPERIENCE

Dec 2024 – Present
**Software Engineer Intern** | SuperINTRO

- Designed intuitive UI/UX **wireframes** and **mockups** in **Figma**, transforming complex concepts into user-friendly designs.
- Built responsive, dynamic interfaces with **React 18.2.0**, and **TypeScript 5.4.3**, ensuring seamless user engagement.
- Developed robust back-end services using **Node.js 20.9.0**, and **Express.js 4.19.1** enabling efficient data handling and secure API integrations.

Aug 2021 – Nov 2022
**Full Stack Developer** | Tata Consultancy Services

*Frontend*

- Developed an engaging **Single-Page Application (SPA)** to modernize the banking experience through HTML, CSS, JavaScript (ES6+), and Angular 13, resulted in a notable increase in customer interaction levels of up to **30%**.
- Implemented responsive **design techniques** across platforms, enhancing user experience and leading to a **25%** increase in overall traffic and a **10%** boost in conversion rates.
- Streamlined **API testing** with Postman, detecting and resolving **20%** of bugs pre-release for smoother deployments.
- Engineered a robust **Cross-Origin Resource Sharing (CORS)** framework for efficient communication across client-server architectures, resulting in a **50%** reduction in data retrieval times.

*Backend*

- Architected secure **microservices** using Java 8 and Spring Boot 2.7.0, leading to a **40%** decrease in response time for **RESTful Web Services**.
- Optimized data processing pipeline using **Java Streams API** and **lambda expressions**, reducing processing time by **40%** and improving code maintainability with **30%** fewer lines of code.
- Built and deployed applications using **Jenkins**, resulting in a **30%** reduction in deployment errors and faster release cycles.
- Optimized SQL queries for **Oracle SQL Server**, reducing query execution time by **40%** and boosting overall **system efficiency** by **25%**.

## ACADEMIC PROJECTS

- Developed and deployed a **React 17.0.1** based online portfolio on **Netlify**, achieving load times under one second.
- Developed a **CRUD API** using **Spring Boot 3.3.4** with **GraphQL** integration, enabling **efficient data fetching** and manipulation.
- Created a **Go 1.23.1** web server and **CRUD API** client using **http**, **log**, **rand**, **strconv**, and **mux** packages.

**Note: Open to Relocation**