

SAI BHARGAV THUMMALAPALLI

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Professional Summary

Java Developer specializing in backend engineering, payment systems, and microservices architecture. Strong expertise in Spring Boot, REST APIs, AWS, and DevOps tools. Proven ability to deliver scalable solutions and improve operational efficiency, supported by hackathon achievements and industry certifications.

Technical Skills

- **Languages:** Java (Advanced), JavaScript, HTML/CSS, Kafka, GraphQL, REST APIs, Linux
- **Frameworks/Tools:** Spring Boot, Spring MVC, Hibernate ORM, React, JUnit, Mockito, ELK, Apache Struts
- **Cloud & Databases:** AWS, GCP, Azure, MySQL, MongoDB, PostgreSQL, Cassandra, Redis
- **DevOps:** Docker, Kubernetes, Jenkins, Terraform, Git, CI/CD, Bash Scripting
- **Practices:** Agile, SDLC, Code Reviews, Microservices, API Security, System Design

Work Experience

HulkHire Tech — Java Developer Trainee

Jun 2025 – Aug 2025

- **Payment Integration System**
 - Built a scalable payment integration middleware for **50+ merchants**, reducing payment complexity by **65%**.
 - Enabled **10,000+ daily transactions** across multiple PSPs.
 - Reduced merchant onboarding time from **2 weeks to 3 days (78% faster)**.
 - Recognized as a **STAR Performer** for timely delivery and sprint excellence.

Projects

Core Payment Integration System

Jun 2025 – Aug 2025

- Developed a secure payment system across **three microservices** (validation, processing, trustly-provider) using **Spring Boot**.
- Implemented **HmacSHA256** request signing with Spring Security; unit-tested services using **JUnit** and **Mockito**.
- Built persistence using **Spring JDBC + MySQL**, applied **Factory & Builder** design patterns, and deployed on **AWS EC2 + RDS**.

CI/CD Pipeline Using Cloud & DevOps

Jan 2025 – Mar 2025

- Built a cloud-native CI/CD system reducing manual deployment time by **75%** and increasing deployment frequency by **300%**.
- Achieved **99.5% uptime** and **60% faster** feature delivery using DevOps best practices.
- **Tech Stack:** AWS, Git, Docker, Terraform, Jenkins

Education

- **Lovely Professional University** — BTech in Computer Science (7.28 CGPA) 2019–2023
- **Sri Chaitanya Junior College** — MPC (9.5 CGPA) 2017–2019

Certifications

- Core Java Made Easy — **Udemy** [View Credential](#)
- JDBC Servlets and JSP — Java Web Development Fundamentals — **Udemy** [View Credential](#)
- Spring Boot 3, Spring 6 & Hibernate for Beginners — **Udemy** [View Credential](#)
- The Ultimate MySQL Bootcamp — **Udemy** [View Credential](#)
- Linux Command Line Bootcamp — **Udemy** [View Credential](#)