

# Velama Greeshmanth

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## Career Objective

Aspiring Java Developer and DevOps Engineer seeking a challenging role to build scalable, cloud-native applications using modern development practices. Eager to contribute to dynamic teams by leveraging skills in Java, CI/CD, containerization, and cloud deployment to deliver high-performing, reliable solutions.

## Education

<b>Bachelor of Technology in Computer Science and Engineering</b>	<b>CGPA-7.5</b>
Jawaharlal Nehru Technological University, Kakinada (JNTUK)	2020-2024
<b>Secondary School</b>	<b>GPA-7.7</b>
Sri Chaitanya Jr College	2018-2020
<b>Primary School</b>	<b>GPA-8.8</b>
Sri Chaitanya School	2017-2018

## Technical Skills

- **Languages:** Core Java, Bash
- **Back-End:** Hibernate, JDBC, Servlets, Spring Boot
- **Front-End:** HTML, CSS, JavaScript
- **Database:** Oracle SQL (Design, Optimization)
- **DevOps Tools:** Git, GitHub, Maven, Jenkins, Docker, Kubernetes
- **Cloud & Monitoring:** AWS, Prometheus, Grafana
- **Other:** Agile Methodology, Analytical Thinking, Problem Solving

## Internship Experience

### DevOps Intern

Star Agile, Bangalore, Karnataka

February 2024 - June 2024

- Contributed to the modernization of cloud infrastructure and deployment processes.
- Automated CI/CD pipelines using Jenkins and Docker; deployed microservices with Kubernetes on AWS; integrated Prometheus and Grafana for real-time monitoring; followed Agile practices.
- Improved deployment speed and system reliability by 60%, reduced manual effort in release management, and enhanced observability across services.

### Java Developer Intern

J-spiders, Hyderabad

June 2024 - December 2024

- Worked on back-end development for enterprise applications and enhanced performance through optimized data access.
- Developed REST APIs using Java, Servlets, JDBC, and Hibernate; optimized SQL queries; implemented indexing and caching; collaborated on UI using HTML and CSS.
- Increased application response speed by 40%, enhanced feature delivery through better collaboration, and reduced debugging time with clear documentation.

## Projects

### Online Bookstore - Order Management System

- Developed a microservices-based enterprise application for managing books, users, and orders using J2EE architecture.
- Created REST APIs for User, Book, and Order services using Spring Boot; ensured service isolation and scalability.
- Used Hibernate and JDBC for database interaction; implemented joins, and caching for performance optimization.
- Enabled communication between services using 'RestTemplate' and DTOs; followed modular design for maintainability.
- Built a professional UI with HTML, CSS, and JavaScript for manager operations like viewing orders, users, and book inventory.

### DevOps Implementation for Insurance Microservice

- Migrated a monolithic insurance app to a microservices architecture for better scalability and maintainability.
- Used Spring Boot, Docker, Jenkins for CI/CD, Kubernetes for container orchestration on AWS, and Ansible for infrastructure automation; integrated Prometheus & Grafana.
- Enabled faster deployments (reduced downtime by 70%), simplified maintenance, and improved monitoring and alerting for proactive incident handling.

## Certifications

- Java Full-Stack Development Certification – J-Spiders (2024)
- DevOps Fundamentals - IBM (2024)
- DevOps Engineer Internship Certificate - Star Agile (2024)