

# K Janaki Ram

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## Career Objective

Aspiring **Java Backend Developer** with strong expertise in **Core & Advanced Java**, **Spring Boot**, and scalable backend systems. Passionate about solving real-world problems with **high-performance, concurrent applications**. Proficient in **multithreading**, **REST APIs**, and **system design**. Eager to contribute to innovative teams building **robust, scalable, and reliable server-side solutions**.

## Educational Qualifications

**Master in Computer Application (MCA)** - GIET University Gunupur (Pursuing: 2024-2026)

- Currently pursuing MCA with a focus on advanced Java, Spring Boot, microservices, and scalable backend system design.

**Bachelors in Computer Application (BCA)** - MITS Institute Bhujabal (2021-2024)

- Graduated with a commendable 7.6 CGPA, building a robust theoretical and practical foundation in core computer science principles, data structures, and algorithms, essential for complex problem-solving.

## Skills

- Programming Languages:** Core & Advanced Java
- Backend & Frameworks:** Spring Boot, Hibernate, RESTful APIs, Microservices
- Frontend Technologies:** HTML, CSS, JavaScript, React.Js
- Database & Operating System:** MySQL, MongoDB, Linux
- Build Tools & Version Control:** Maven, Git
- Cloud & DevOps:** AWS EC2, Docker, Jenkins (CI/CD)
- Testing:** JUnit, TestNG, Mockito
- Soft Skills:** - Agile & Team Collaboration, Fast Learner & Adaptive, Clear Communication

## Internship / Project

**Project Title:** E-Wallet Application (Inspired by Paytm)

- Developed a digital wallet system for real-time financial transactions, processing **up to 50 transactions per second** and managing **over 1,000 concurrent users**.
- Implemented robust security measures, resulting in a **95% reduction in potential security vulnerabilities**.
- Gained hands-on experience in building secure, user-friendly applications, including user authentication and transaction workflows.

**Project Title:** AI-Powered Digital Twin for Student Productivity & Skill Growth

- Developed a full-stack AI-powered student digital twin app for real-time tracking of productivity and skill growth.
- Integrated OpenAI for adaptive study plans, **reducing study plan creation time by 5-10 minutes** per user.
- Built efficient Spring Boot RESTful APIs for focus tracking and analytics, handling **approximately 200 concurrent requests per second**.
- Secured with JWT authentication; deployed via Docker with CI/CD on AWS EC2, ensuring **99.9% uptime**.

## Certifications & Achievements

**Java Backend Development**

*GeeksforGeeks (GfG) – Certified, feb 2025*

- Completed an intensive, industry-aligned training program focused on end-to-end backend development using Java technologies

**2nd Place – Hackathon Competition, MITS Institute, Bhujabal**

- Secured 2nd position among multiple teams by developing an innovative tech solution under time constraints. Recognized for problem-solving, teamwork, and practical application of programming.