

## SANJAI V

### JAVA DEVELOPER

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**Portfolio:** [https://sriram131.github.io/MY\\_PORTFOLIO/](https://sriram131.github.io/MY_PORTFOLIO/)

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**GitHub** | [LinkedIn](#)

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### Professional Summary

BCA Graduate with a strong foundation in Java programming (Core & Advanced) and hands-on experience with the Spring Boot Framework. Developed a Simple & Scientific Calculator project, applying OOP principles and problem-solving skills. Passionate about backend development, eager to contribute to software projects, and continuously enhance technical expertise in Java, Spring Boot, and related technologies.

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### Technical Skills

**Programming Languages:** Java

**Frameworks:** Spring Boot, Spring boot Microservices & REST APIs

**IDE:** Visual Studio Code, Eclipse

**Database Management:** MySQL

**Version Control:** Git, GitHub

Software development, Object oriented programming, Web development, API Integration, RESTFUL services, Debugging, Problem solving, Team Collaboration & Communication, Adaptability and Quick learning, Testing, Quality Assurance. Understanding of HTML & CSS.

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### Education

#### Bachelor of Computer Application (BCA)

*MGR Arts and Science College, Hosur, TN (Periyar University)*  
2020 – 2023

- Graduated with a CGPA of 7.796 reflecting my strong academic performance.

#### Higher Secondary Certificate (HSC)

*Seventh Day Adventist, Hosur, Krishnagiri, TN*  
2018 - 2020 | Scored 75% in State Board of Examinations.

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## Professional Expertise

- Developed responsive web applications using **Spring Boot**.
- Designed and managed databases with **MySQL** to ensure secure and efficient data handling.
- Implemented **REST APIs** to enable seamless communication between client-side and server-side functionalities.
- Utilized **Git** for version control, managing and collaborating on code repositories via **GitHub**.
- Built and deployed 2 Projects and increased the efficiency by 12 percent.

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## Projects

### Simple & Scientific Calculator

#### Technologies Used - Java & Spring Boot

- Developed a user-friendly calculator application with both basic arithmetic and advanced scientific functions (logarithms, exponents, trigonometry) using Core Java.
- Implemented Spring Boot for backend logic, ensuring modularity and efficient dependency management.
- Applied OOP principles (encapsulation, inheritance) and MVC architecture for clean, maintainable code.

### Simple ATM Simulation System

#### Technologies Used – Java, Apache Tomcat Web Server and MySQL

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## Languages

- English (Professional Proficiency)
- Tamil (Native Proficiency)