

# Ramesh Balu | Java Full Stack Developer

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## PROFESSIONAL SUMMARY

Java Full Stack Developer (Fresher) and 2025 B.Tech Computer Science & Engineering graduate with hands-on experience in building Spring Boot applications, RESTful APIs, and MySQL databases. Skilled in backend development, CRUD operations, and frontend integration using HTML, CSS, and JavaScript. Strong understanding of MVC architecture and real-world project implementation.

## EDUCATION

- Manakula Vinayagar Institute Of Technology Puducherry, India  
**Bachelor of Technology (B.Tech) in Computer Science and Engineering** GPA: 7.45 **August 2022 - June 2025**
- Egs Pillay Polytechnic College Nagapattinam Tamilnadu, India  
**Diploma in Computer Science Engineering (DCSE)** Percentage:88% **April 2019 – May 2022**

## SKILLS SUMMARY

- **Programming Languages:** Java, Java 8, JavaScript, MySQL
- **Backend Technologies:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, JDBC
- **Frontend Technologies:** HTML5, CSS3, JavaScript, React.js, AngularJS (Basics)
- **API & Web Services:** RESTful APIs, JSON, Postman, Microservices (Basics)
- **Tools & IDEs:** IntelliJ IDEA, Eclipse, VS Code, Maven, Git, GitHub, MySQL Workbench

## PROJECTS

- Tattoo Shop Management System** Jan 2026 – Feb 2026
- Java Full Stack Application | Spring Boot, REST APIs, MySQL**
- Developed a full-stack Tattoo Shop Management System using **Java, Spring Boot, and RESTful APIs**
  - Designed and implemented **CRUD operations** for tattoo services, artists, customers, and bookings
  - Built **RESTful APIs** using Spring MVC and tested endpoints using **Postman**
  - Implemented **role-based operations** for Admin and User functionalities
  - Integrated **MySQL database** with **Spring Data JPA and Hibernate** for data persistence
  - Developed responsive frontend using **HTML, CSS, JavaScript, and Thymeleaf**
- CRM management Application** December 2025 – January 2026
- Developed a CRM web application using Java, Spring Boot, REST APIs, and MySQL
  - Designed RESTful services for user and client management with CRUD operations
  - Implemented JPA/Hibernate for database interaction and data persistence
  - Tested APIs using Postman (GET, POST, PUT, DELETE)
- Flight Ticket Reservation Application** November 2025 – December 2025
- Developed a **Flight Ticket Reservation System** using **Spring Boot, REST APIs, and MySQL**
  - Designed a **layered architecture (Controller, Service, Repository)** and integrated **JPA/Hibernate** for database operations.
  - Integrated **Email API (Spring Mail)** to send **booking confirmation and ticket details** to users.

## CERTIFICATES

- Java Full Stack Development** September 2025 – February 2026
- Gained practical knowledge in Java, Advanced Java (JDBC, Servlets, JSP), and Spring Boot for building web applications.
  - Learned full-stack workflow including REST API development, MySQL integration, and frontend HTML, CSS, and JavaScript
  - Built mini full-stack projects integrating backend services with UI and database connectivity.
  - Developed RESTful APIs using Spring Boot for performing CRUD operations on customer/employee data.
- Infosys Certificate in AI** February 2025- March 2025
- Gained knowledge of core Artificial Intelligence concepts, including supervised and unsupervised learning.
  - Applied AI algorithms in practical case studies such as image recognition and text analysis.
  - Developed hands-on experience with data preprocessing, feature extraction, and model evaluation techniques to improve AI

## LANGUAGES

- English, Malayalam, Tamil, Hindi