

RAMKUMAR MEGAVARNAN

Java Developer

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LinkedIn: <https://www.linkedin.com/in/ramkumar-coder/>

Portfolio: <https://ramkumarm-coder.github.io/>

Java Developer with 4 years of experience in backend development using Java, Spring Boot, REST APIs, and microservices. Experienced in database design, Spring Security, RBAC, API integration, and enterprise application development. Strong problem-solving skills with hands-on experience delivering scalable production systems.

KEY SKILLS

Java, Spring MVC, Spring Boot, Microservices, REST API, Spring Security, Hibernate, JPA, Exception Handling, SQL, Database Design, Backend Development, API Integration, Maven, Git, JUnit, Swagger, Postman, Agile

PROFESSIONAL STANDING

Software Developer (Level 6 – Tier 3), National Informatics Centre (NIC), Vijayawada, AP
Contractual role | Third-party payroll
January 2022 – Current

1. Government Land Registration & Document Management System

- Designed and developed core backend workflows for land registration and document lifecycle management using Java and Spring Boot.
- Implemented role-based access control (RBAC) with Spring Security to manage secure access for government officials.
- Built and integrated inter-departmental SOAP and REST APIs to enable seamless data exchange across land-related government systems.
- Implemented digital signature functionality using hardware tokens, enabling legally valid document approvals.
- Designed and optimized relational database models and transactions using Oracle and PostgreSQL to ensure data consistency and performance.
- Modernized legacy application interfaces using Bootstrap and jQuery, improving usability for internal users.
- Delivered releases in compliance with government SDLC and operational standards.

2. Citizen Land Registration Nomination Portal

- Developed a citizen-facing web portal using Spring Boot and Thymeleaf to support online land registration nominations.

- Implemented identity verification and OTP-based authentication for secure citizen access.
- Integrated government payment gateway to enable secure online fee transactions.
- Generated legally compliant PDF documents using iText, supporting dynamic data population and official formats.
- Implemented real-time data validation by integrating backend services from land-related departments.
- Designed secure Oracle database operations to handle citizen submissions and transaction records.
- Focused on responsive UI and accessibility, enhancing citizen experience across devices.

3. DigiLocker Integration API for Land Registration Documents

- Designed and developed a secure service-to-service integration API to electronically share land registration documents with DigiLocker.
- Implemented SOAP-based interoperability following government integration standards.
- Secured backend services using Spring Security with OAuth 2.0, enabling controlled and authenticated access.
- Ensured data privacy, document integrity, and secure transmission for sensitive government records.

EDUCATION

- **Master of Computer Application (MCA) | 83.20 percentage | Sept 2019 – May 2021**
Anna University (BIT campus)
Tiruchirappalli, Tamil Nadu
- **Bachelor of Computer Application (BCA) | 79.00% | Sept 2016 - May 2019**
J.J. College of Arts and Science
Pudukkottai, Tamil Nadu

CERTIFICATION

- **Guvi** - Java Full-Stack Developer (2025)
- **Udemy** - Spring Boot 3 & Hibernate (2024)
- **Udemy** - Java Design Patterns (2024)