

Ravikiran Chavan | Software Developer | 3.5+ Years Exp

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🔗 chavanravikiran 🔗 https://ravikiran-portfolio.vercel.app/en

👤 Profile

Java Backend Developer with 3.5+ years of experience in building and deploying robust applications using **Java EE** and **Spring frameworks**. Skilled in both **Monolithic** and **Microservices** architecture. Recognized for being enthusiastic, adaptable, and a proactive team player.

💼 Professional Experience

Software Developer, Probity Software Pvt. Ltd. Baner, Pune **May 2022 – Present**

- Developed scalable **RESTful APIs** using **Spring Boot & Microservices** with a focus on high availability and security.
- Used **Java 8 Stream** API to Process collections efficiently and write cleaner code.
- Integrated **third-party APIs** such as Email, Payment, and SMS services to enhance system functionality and automation.
- Designed and maintained complex **database schemas** in **PostgreSQL** and **Oracle**, optimizing queries for performance.

🔗 Projects

Integrated Housing Lottery Management System IHLMS 2.0(MHADA) **May 2024 – Present**

Overview: The MHADA IHLMS is a simplified software program established to automate the entire housing lottery process. Streamlines applications, verification, lottery generation, allotment, payments, and reporting—ensuring fairness, transparency, and a smooth experience for MHADA authorities and applicants.

Key Responsibilities and Contributions:

- **Automated** Excel/PDF reports with **scheduled** email delivery to assigned recipients (e.g., VP/CEO), **reducing manual work by 70%** and **reporting time by 90%**.
- Built a **tenement accept/surrender** module with extension handling and real-time insights, **reducing approval time by 50%** and improving executive decision-making.
- **Technologies:** Spring Boot, Spring Data JPA, Oracle, PostgreSQL, Jasper Reports, Postman

PMRDA Post-Lottery (Pune Metropolitan Region Development Authority) **May 2023 – May 2024**

Overview: Made a web-based Post-Lottery System for 8+ government clients to automate the handover process of government-constructed properties to lottery winners.

Key Responsibilities and Contributions:

- Automated housing lottery process, reducing manual work by **80%**.
- Used PostgreSQL to ensure **100% data integrity** and secure data handling.
- **Improved system performance by 100%** with UI optimizations and interest calculation for delayed payments.
- Generated receipts, allotments, NOC, and acknowledgements via **Jasper Reports**, cutting document effort by **85%**.
- **Technologies:** Spring MVC, Spring Data JPA, PostgreSQL, Jasper Reports, Postman

Demand and Assessment Survey **May 2022 – May 2023**

Overview: Created an end-to-end survey application for MHADA to assess property utilization, with dashboards for management, Google Maps integration, Aadhaar/PAN verification, and AI/ML-based analysis.

Key Responsibilities and Contributions:

- Implemented a dynamic survey system for 100+ surveys across residential and commercial properties.
- Reduced manual survey processing time by **60%** with digital forms, deadlines, and geo-tagging via Google Maps.
- Integrated Signzy API for Aadhaar/PAN verification, improving secure registrations by **40%**.
- Enabled citizen participation and feedback, achieving an **85% response rate** within deadlines.
- **Technologies:** Spring Boot, Spring Data JPA, JHipster, PostgreSQL, Jasper Studio, Postman.

Portfolio Projects

Dynamic Website

<https://dynamic-web-site-front-end.vercel.app/home> 

- Created a configurable dynamic website framework with a common frontend and backend architecture, designed to be easily adapted for various service-based websites. Applied a modular structure where content, features, and services can be dynamically configured without code changes.
- Technologies: Spring Boot, PostgreSQL

Local Service Finder App

<https://github.com/chavanravikiran/localServiceFinder-app-backend> 

- Developed a location-based service marketplace application, enabling users to find and book local service providers based on their real-time location.
- Technologies: Spring Boot, PostgreSQL

Skills

Backend Technologies:

- Java 8, Spring Boot, Spring MVC, Spring Security
- Hibernate, Spring Data JPA, Microservices, RESTful APIs

Database & Persistence:

- PostgreSQL, Oracle, MySQL, JPA, Hibernate
- Advanced SQL Queries, Procedures, Views

DevOps & Tools:

- GitHub, Tomcat, Git, SVN, Gitea
- Swagger, Postman

Security & Authentication:

- JWT Token, Spring Security

Other Enhancements:

- Third-Party API Integration (Payment, Email, SMS)
- Spring Validation, Exception Handling
- Performance Optimization, Multi-threading

Awards

Star Performer of the Year, Probity Software Pvt Ltd.

2023

Education

MCA, JSPM Pune, Maharashtra,

2019 – 2022

Computer Application

GPA: 8.05/10