Ravikiran Chavan

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in ravikiran-chavan-2846b1188/ ⌂ chavanravikiran

👤 Profile

Java Backend Developer with 3+ years of experience in building and deploying strong applications using **Java EE and Spring frameworks**. Skilled in both monolithic and microservices architecture. Known for being enthusiastic, adaptable, and a proactive team player. Delivers quality work on time, even under pressure.

💼 Professional Experience

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

- Developed scalable **RESTful APIs** using **Spring Boot & Microservices** with a focus on high availability and security.
- Implemented **JWT authentication** and OAuth2 for secure access control.
- Integrated **payment gateways** (EaseBuzz) ensuring **secure and seamless transactions.**
- Designed and maintained complex **database schemas** in **PostgreSQL & Oracle,** optimizing queries for performance.
- Created **responsive & dynamic** user interfaces using **Angular**, improving UX.
- Provided **technical support** and resolved issues, ensuring 99.9% uptime.

</> Projects

PMRDA Post-Lottery (Pune Metropolitan Region Development Authority)   May 2024 – Present
Overview: Developed 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, NOCs, and acknowledgements via **Jasper Reports**, cutting document effort by **85%**.
  Technologies: Spring MVC, PostgreSQL, Jasper Studio

Integrated Housing Lottery Management System IHLMS 2.0(MHADA)   May 2023 – May 2024
Overview: The Mhada IHLMS is a simplified software program designed to automate the entire housing lottery process. It streamlines tasks such as online application submission, document verification, random lottery generation, allotment, payment processing, and reporting. The system ensures fairness, transparency, and efficiency, benefiting both Mhada authorities and applicants by providing a smooth and user-friendly experience throughout the housing lottery process.
Key Responsibilities and Contributions:

- **Built dynamic report generation** with Excel/PDF export, reducing manual effort by **70%**.
- **Automated daily PDF reports** with charts, cutting reporting time by **90%** and ensuring **100% on-time delivery** to VP/CEO.
- **Developed tenement accept/surrender** module with extension handling, reducing approval time by **50%**
- Improved decision-making with real-time, data-driven reports and **zero manual intervention.**
  Technologies: Spring Boot, Oracle, Angular 14, PostgreSQL

Demand and Assessment Survey   May 2022 – May 2023
Overview: Developed an automatic end-to-end survey application for MHADA to assess plot utilization across various boards, including commercial and residential properties. Enabled board authorities to create and manage surveys, with dashboards for CO, Dy CO, and top management for data-driven insights. Integrated Google Maps for plot location, Signzy API for Aadhar/PAN verification, and AI/ML tools for response analysis. Citizens can register, participate in surveys, provide feedback, and rate surveys through a user-friendly interface.

Key Responsibilities and Contributions:

- **Designed and developed** a dynamic survey system used by Board authorities to **create and publish 100+ surveys** for various property types including residential and commercial.
- **Reduced manual survey processing time by 60%** by enabling authorities to digitally define survey details, deadlines, questionnaires, and geo-tag locations using **Google Maps integration** for landmark references.
- **Integrated Signzy API** for **Aadhaar and PAN verification**, resulting in a **40% increase in secure citizen registrations** and reducing identity fraud incidents.
- Facilitated **seamless citizen participation**, enabling users to apply, respond to surveys, and submit feedback, achieving an **85% survey response rate** within the defined timelines.

Technologies: JHipster, Spring Boot, Angular, PostgreSQL, Jasper Studio

Portfolio Projects

Dynamic Website   https://dynamic-web-site-front-end.vercel.app/home ↗

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

Local Service Finder App   https://github.com/chavanravikiran/localServiceFinder-app-backend ↗

- Designed and 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, Angular, PostgreSQL

Skills

Backend Technologies:

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

Frontend Technologies:

- Angular, JavaScript, TypeScript
- HTML, CSS, Prime Flex

Database & Persistence:

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

Security & Authentication:

- JWT Token, Spring Security

DevOps & Tools:

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

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**, Computer Application   2019 – 2022
- GPA: 8.05/10