Ravikiran Chavan

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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.

Skills

Backend Development: Java, Spring Framework (Spring Boot, Spring MVC, Spring Data, Spring Security), Hibernate

Architectural Expertise: Monolithic and Microservices Architecture Design

API Integration: Payment Gateway, SMS, External API

Web Technologies: Angular, TypeScript, HTML, CSS

Databases: Oracle, PostgreSQL

Version Control Systems: SVN, Git, Gitea

Web Security: JWT (Authentication and Authorization), CORS, OAuth2

Experience

Probity Soft, Baner, Pune

Software Developer   2022 – Till Date

• Developed enterprise-level applications using Spring Boot and Microservices architecture.

• Implemented RESTful APIs and ensured seamless integration with front-end frameworks like Angular.

• Optimized PostgreSQL queries for high-performance data processing.

• Collaborated with team members to deliver high-quality solutions on time.

• Maintained code quality through rigorous testing and code reviews.

• Led the migration of legacy systems to microservices architecture, improving scalability and maintainability.

• Mentored junior developers, fostering skill development and ensuring adherence to coding standards.

Projects

PMRDA Post-Lottery (Pune Metropolitan Region Development Authority)

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 Contributions Responsibilities:

- Engineered an end-to-end automation solution for the housing lottery process, streamlining workflows and **reducing manual intervention by 80%.**

- Integrated PostgreSQL for secure, scalable, and efficient data management, ensuring data integrity and confidentiality.

- Enhanced system **performance by 100%** optimizing UI components, upgrading interfaces, and implementing an interest calculation feature for delayed payments.

- Integrated features to generate payment receipts, reflecting the respective amounts paid by applicants offline.

Integrated Housing Lottery Management System IHLMS 2.0(MHADA)

Overview :

The Mhada Integrated Housing Lottery Management System 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 Contributions Responsibilities:

- Developed dynamic report generation functionality with export options in Excel and PDF formats, accessible to respective authorities based on their login credentials.

- Built accept/surrender tenement feature with extension request handling and approval/rejection by board authorities.

- **Reduced manual reporting effort by 90%** by automating daily PDF reports with graphical insights, automatically emailed every morning to the Board VP and CEO.

Demand and Assessment Survey

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 Contributions Responsibilities:

- Designed and developed a survey system for Board authorities to create and publish surveys related to plots, residential, commercial, and other property types.

- Enabled authorities to define survey details, set deadlines, add questionnaires, and provide geo-locations with Google Maps integration to show nearby landmarks.

- Integrated Signzy for Aadhar and PAN verification, allowing citizens to register and participate in surveys securely.

- Citizens could apply for surveys, respond to questions, and submit feedback, all within the defined timeline.

Education

Pune University,   Master of Computer Application   2019 – 2022

• CGPA: 8.08/10.0