Pranav Kale

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SUMMARY

Software Developer with 2+ year of experience in Java backend development using Spring Boot. Built scalable applications to automate operations in the pharmaceutical industry. Skilled in designing RESTful APIs, database integration, and clean code practices.

TECHNICAL SKILLS

Programming Languages: Java, C, C++, JavaScript, HTML, CSS

Core Java & Java EE: Java EE (J2EE), Servlets, JSP, AWT, Swing, Stream API

Frameworks & Libraries: Spring, Spring Boot, Spring Security, Spring AOP, Hibernate, JPA, JPQL, Thymeleaf, Bootstrap, Microservices, JUnit, Mockito, MockMVC, TDD, JSONPath, Hamcrest

API & Web Technologies: REST API, Swagger, Postman, JWT, OAuth, JSON

Databases & Connectivity: MySQL, Redis, Oracle, H2 Embedded DB, SQL, JDBC, HeidiSQL, MySQL Workbench

Version Control & DevOps: Git, GitHub, SVN, TeamCity, Docker, Kubernetes, Kafka, AWS

Automation & Testing Tools: Selenium, JaCoCo, Unit Testing, Integration Testing

Servers: Apache Tomcat, Jetty

Development Tools: Eclipse, YouTrack, Visual Studio Code

PROFESSIONAL EXPERIENCE

Software Developer   Apr 2024 – Present
Samichinam Solutions- Https://samichinam.in/samwed   *Pune,India*
 • Developed scalable and secure web applications using Java, Spring Boot, and Java EE technologies.
 • Designed and integrated RESTful APIs with JWT and JAuth for authentication and role-based access control.
 • Implemented MySQL database operations using JDBC and JPA for efficient data persistence and query optimization.
 • Utilized Git, SVN, Eclipse, and TeamCity for version control, continuous integration, and streamlined development workflows.
 • Deployed and maintained applications on Apache Tomcat server, ensuring high availability and performance.

Junior Java Developer Intern   Oct 2023 – Mar 2024
SevenMentor PVT LTD   *Pune, India*
 • Collaborate with team of experienced developers to design scalable web applications.
 • Participate in the full software development life cycle.
 • Analysing and documenting problem, recommending solutions and initiating corrective action.

PATENTS

BULWARK-INTELLIGENT EYE SCANNIG AUTHENTICATION ATM MACHINE   Published Date:-26 Aug 2023
Indian Patent Office   *Application Number - 202221048645*
 • Addressing Disadvantages: The new model aims to rectify the main disadvantages of current ATM machines.
 • Methodology Replacement: It replaces the traditional use of ATM cards and PINs.
 • Biometric Imprints: The model includes no capturing biometric imprints of the user.
 • Retina Scans: It also features retina scans for user authentication during ATM operations.
 • Enhanced Security: These evolutionary features enhance the security and convenience of ATM transactions.

PROJECTS

Samwed Document Management System   Jan 2025 – Apr 2025
Web Application   *Java, Spring Boot, Hibernate, MySQL*
- Developed a secure digital document handling system for efficient storage, retrieval, and management of organizational records.
- Implemented role-based access and authentication using Spring Security for secure document access.
- Integrated Hibernate ORM with MySQL for persistent storage and optimized queries using JPQL.

Samwed Quality Management System   Dec 2024 – Mar 2025
Web Application   *Java, Spring Boot, JPA, MySQL*
- Designed and developed a backend system to monitor and maintain quality standards across business processes.
- Implemented CRUD operations and RESTful APIs for managing inspection and audit data.
- Developed scalable backend modules using Spring Boot and JPA for efficient data handling.

Samwed Instrument Management System   Oct 2024 – Jan 2025
Web Application   *Java, Spring Boot, Hibernate, MySQL*
- Developed an instrument tracking system to manage calibration schedules, inventory, and lifecycle data.
- Integrated Hibernate ORM for data mapping and Spring Data JPA for database interaction.
- Improved operational efficiency by automating instrument monitoring and alert generation.

Annadanam   July 2023 – Jan 2024
Web Application   *Java, Servlet, JSP, SQL, HTML, CSS*
- Developed and implemented a web platform for managing charitable food donation initiatives.
- Designed and developed modules using Java, JSP, and Servlets for stakeholder engagement.
- Implemented secure authentication mechanisms ensuring data integrity and scalability.

Attendance Management System   July 2022 – Nov 2022
Web Application   *Java, Servlet, JSP, SQL, HTML, CSS*
- Built a comprehensive system for tracking attendance records in educational and organizational settings.
- Designed a user-friendly web interface using HTML and CSS for intuitive access.
- Used JDBC with MySQL for secure and efficient data retrieval and storage.

Smart Parking System Using Arduino Uno   Nov 2022 – Jan 2023
IoT Embedded System   *C, C++, Embedded C, Arduino Uno*
- Developed a smart parking system using Arduino Uno, Wi-Fi module, and IR sensors for vehicle detection.
- Enabled automatic slot detection with LED display status updates.
- Enhanced parking efficiency through real-time monitoring and automation.

EDUCATION

RMD Sinhgad College of Engineering   Warje, Pune
B.E. in Computer Science   *July 2023*

CERTIFICATIONS

- Spring Boot 3, Spring 6 & Hibernate for Beginners — Hands-on course on backend development fundamentals (Aug 2025)
- Spring Boot Unit Testing with JUnit, Mockito & MockMvc — Practical course on testing Spring Boot applications (Oct 2025)
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert — Comprehensive SQL and database design course (May 2024)
- Postman API Fundamentals Student Expert — API testing and documentation certification by Postman
- Technical Support Fundamentals — Google
- Java — SevenMentor Pvt. Ltd.
- C and C++ — Disha Computer Institute