

STALIN A A

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PROFILE SUMMARY

Targeting Java Developer roles with expertise in Java, SQL, and database-driven scalable applications.

- Proficient in Core Java (OOPs, Threading, Exception Handling, Collections), Spring, Spring Boot, Hibernate, and JPA for building robust product features.
- Demonstrated ability to develop and manage end-to-end web applications using MVC architecture.
- Strong problem-solving skills and experience in Agile methodologies for project delivery.
- Excellent communication skills for effective collaboration and client interactions.
- Passionate about adopting new technologies and delivering innovative solutions.

EDUCATION

PSNA College of Engineering and Technology — Dindigul, Tamil Nadu

2020 – 2024

B.E in Mechanical Engineering

CGPA: 7.81

PROJECTS

Job Search Application using Spring Boot and Hibernate

- Developed a scalable web application following the MVC architecture to facilitate job searching and recruitment.
- Implemented CRUD operations using Spring Data JPA for seamless data persistence and retrieval.
- Enhanced system efficiency by integrating Hibernate ORM for optimized database interactions.
- Used RESTful APIs for efficient communication between frontend and backend components.
- Achieved a 50% improvement in response time through optimized query handling and caching mechanisms.

Library Management System using Spring MVC and Hibernate

- Built a web-based system to manage library operations, including book lending and user records.
- Integrated Spring MVC for handling user requests and rendering dynamic views.
- Used Hibernate for mapping Java objects to relational database tables and simplifying database operations.
- Implemented role-based access control to enhance security and user management.
- Reduced manual operations by 60% and improved overall user satisfaction by 40%.

E-commerce Application Backend using Spring Boot

- Developed a backend solution for an e-commerce platform with key functionalities like user authentication and order processing.
- Utilized Spring Boot to build a microservices architecture, enabling modular development.
- Implemented JPA repositories for efficient data access and management.
- Integrated API security using JWT for secure user authentication.
- Achieved a 70% increase in data processing efficiency by optimizing backend logic.

ACADEMIC ACHIEVEMENTS

- India Design Week 2023, 2024: Awarded recognition for the innovative design of a 'Smart Waterbody Garbage Collector.'
- Received a smartwatch as a prize for excellence in mechanical design and problem-solving.

TECHNICAL SKILLS

- **Languages:** Java, SQL
- **Frameworks:** Spring, Spring Boot, Hibernate, JPA
- **Skills:** OOPs, Threading, Exception Handling, Collections, File Handling, MVC Architecture
- **Tools:** Git, VS Code, IntelliJ
- **Methodologies:** Agile