

Karthick S

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Professional Objective

I am a **Backend Developer and DevOps Engineer** with **1.5 years of experience** in building and managing applications. Skilled in **Java, Spring Boot, and Hibernate**, I focus on creating efficient backend systems and automating deployments using DevOps tools. I enjoy learning new technologies and working with teams to build better software.

Profile Summary:

Leadership & Mentorship:

- Served as a **Team Leader** and **Java Spring Boot Trainer** for over a year, mentoring developers and helping them enhance their coding skills.

Problem-Solving & Algorithms:

- Solved **250+ LeetCode problems** in Java, improving problem-solving abilities and algorithmic thinking.

Education:

- Completed **Bachelor's Degree in Commerce (Computer Application)** from **American College**
- Pursuing **Master's Degree in MCA (Computer Science)** at **SRM University**.
- Experience in **MYSQL, MYSQL WorkBench, PGSQL** Database
- Experience in **CONFLUENT KAFKA , KEYCLOAK, DOCKER, KUBERNETES**
- Experience in fixing **SonarQube** issues.
- Knowledge on **Agile** project methodology.
- Exposure to deploy application in **AWS Services (EC2 & RDS)**
- Completed FullStack course in **OPZ TECH**.

Technical Proficiency:

<i>Frameworks</i>	Spring Boot, Microservice, Hibernate
<i>Programming Languages</i>	Java
<i>Database</i>	MySQL
<i>Application Tools</i>	Intellij, Postman, Mysql WorkBench
<i>Version Control System</i>	GIT HUB

Management Tools

JIRA

Devops Tools

Jenkins and Docker

Educational Qualifications

Qualification	Institution	Year of Passing	Percentage
B.COM(Computer Application)	THE American College, Madurai	2023	76%
HSC	PKN MHSS, Thirumangulam	2020	67%
SSLC	SBOA MHSS,Nagamalaipudukottai	2018	75%

Projects:

MLM (Multi-Level Marketing) Application

- **Technology:** Java, Spring Boot, Hibernate, Razorpay (Payment Gateway)
- **Description:** Designed and developed a robust MLM system with complex income calculation logic, customer onboarding, and end-to-end process automation.
- **Key Contributions:**
 - Engineered a scalable system design to handle multi-level commissions and payouts.
 - Integrated Razorpay for seamless customer onboarding and payment processing.
 - Developed backend services for managing hierarchical relationships and dynamic incentive structures.

E-Commerce Platform :

- **Technology:** Java, Spring Boot, Hibernate
- **Description:** Built an e-commerce system with a focus on customer onboarding, order management, and tracking via an admin panel.
- **Key Contributions:**
 - Designed the overall system architecture.
 - Implemented customer onboarding, order placement, and order tracking features.
 - Developed an admin panel for managing orders and customer interactions.

Queuing System (Appointment Booking)

- **Technology:** Java, Spring Boot, Hibernate
- **Description:** Developed a queuing system to automate and manage appointment scheduling, eliminating manual queues.
- **Key Contributions:**
 - Designed a high-performance system for handling concurrent appointment bookings.
 - Implemented complex business logic to optimize queue management.
 - Ensured efficient resource allocation and reduced wait times for users.

Java-Based Framework (CRUD Automation with Deployment)

- **Technology:** Java, Spring Boot, Hibernate, Docker
- **Description:** Developed an automated framework to generate CRUD operations, entity models, repositories, services, controllers, and deployment configurations.
- **Key Contributions:**
 - Automated the creation of CRUD endpoints, reducing manual effort.
 - Integrated Docker support for containerized deployment and registry push.
 - Enhanced developer productivity by standardizing the project structure.

ERP System (Service-Based Project)

- **Technology:** Java, Spring Boot, Vue.js (Quasar Framework)
- **Description:** Worked on an ERP system, primarily handling backend services while occasionally contributing to the front-end.
- **Key Contributions:**
 - Developed and maintained backend services for enterprise resource management.
 - Implemented REST APIs for smooth interaction between the frontend (Vue.js) and backend.
 - Assisted in frontend development using Quasar Framework.

Hotel Management Application

- **Technology:** Java, Spring Boot, Hibernate
- **Description:** Developed a hotel management system to streamline bookings, customer management, and payment processing.
- **Key Contributions:**
 - Designed the system architecture for managing hotel operations.
 - Implemented modules for room booking, customer profiles, and billing.
 - Ensured seamless integration with third-party payment gateways.

Loan Module in Microfinance Application

- **Technology:** Java, Spring Boot, Hibernate, Microservices Architecture
- **Description:** Developed a loan module within a microfinance application, handling loan application processing, repayment tracking, and risk assessment.
- **Key Contributions:**
 - Designed and implemented microservices architecture for loan processing.
 - Developed loan eligibility criteria and automated approval workflows.
 - Integrated repayment tracking and interest calculation logic.
 - Ensured secure and scalable transaction processing for loan disbursement.

I hereby acknowledge that all the information furnished above is true to the best of my knowledge.

Place:

Date:

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