

KAVIYARASU N.S

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PROFESSIONAL SUMMARY

Backend Developer with 5 years of experience in Java, Spring Boot, and REST APIs. Skilled in database optimization (MySQL, PostgreSQL), API performance tuning (30% faster), and AI-driven automation (boosted efficiency by 35%). Experienced in Agile delivery with enterprise clients like RNTBCI.

WORK HISTORY

Software Developer(deputed at RNTBCI), 12/2023 - Current

Onward Technologies Ltd – Chennai

- Developing and maintaining backend services using **Java 8, Spring Boot, and RESTful APIs**.
- Implementing and optimizing **database operations** with **PostgreSQL/MySQL** for large-scale applications.
- Involved in **requirement analysis, coding, debugging, and performance tuning** to improve application efficiency.
- Collaborating with cross-functional teams at **RNTBCI** in an Agile environment to deliver enterprise-grade solutions.

Software Developer, 11/2020 - 12/2023

Ebrain Technologies – Thanjavur

- Developed and maintained backend applications using **Java 8** and **MySQL**.
- Designed and integrated **REST APIs** for scalable enterprise solutions.
- Involved in **requirement analysis, coding, debugging, and performance optimization**.
- Collaborated in an **Agile team**, ensuring timely delivery of high-quality modules.

PROJECTS

1. MUSES – Vehicle Defects Entry Application – *RNTBCI (Onward Technologies)*

- Developed and maintained backend modules in **Java 8, Spring Boot**, ensuring reliability and scalability for **10,000+ daily defect entries**.
- Optimized multiple APIs, reducing response time by **30%** and improving overall system throughput.
- Integrated **AI components**:
Used **Whisper** for speech-to-text defect entry.
Applied **Gemini LLM** to classify and map reported defects automatically.
- Automated manual defect entry, increasing defect logging efficiency by **35%** and reducing human errors by **20%**.
- Ensured high system performance with an **Apdex score of 0.99**, consistently meeting user satisfaction benchmarks.

2. Hastin Container – Container Booking & Rental System – *Ebrain Technologies*

- Developed backend services in **Java 8, Spring Boot**, handling container bookings across **15+ ports**.
- Designed and implemented **REST APIs** for booking, tracking, and rental operations.
- Worked with **MySQL** for container scheduling, availability checks, and transaction management, reducing booking failures by **25%**.
- Optimized database queries, improving booking confirmation time by **20%**.

SKILLS

- Languages:** Java 8, SQL
- Databases:** MySQL, PostgreSQL
- Concepts:** OOP, DSA, Design Patterns
- Frameworks:** Spring Boot, Hibernate
- Tools:** Git, Maven, Docker, Kubernetes, GCS

EDUCATION

B.Tech: Textile Technology, 03/2013
SSM College of Engineering