**Prabhavathi Badvel**  
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**Summary**

Motivated Java Developer with 3 years of experience in building and optimizing enterprise-level applications. Expertise in backend development using **Spring Boot**, **Spring MVC**, and **Microservices**. Proven ability to design scalable, high-performance **RESTful APIs** and manage database interactions with **MySQL** and **Oracle**. Skilled in cloud technologies like **AWS** and containerization tools such as **Docker** and **Kubernetes**. Passionate about contributing to Agile teams to deliver high-quality, efficient software solutions.

**Skills**

* **Frameworks**: Spring Boot, Spring MVC, Spring Data JPA, Hibernate
* **Database Technologies**: MySQL, Oracle
* **API Design**: RESTful APIs, Microservices Architecture, JSON
* **Cloud & DevOps**: AWS (EC2, Lambda,S3), Docker, Kubernetes, Jenkins, Terraform
* **Version Control**: Git, GitHub, GitLab
* **Build Tools**: Maven
* **IDE**: Eclipse, VS Code
* **Methodologies**: Agile, Scrum
* **Languages**: Java, JavaScript, HTML, CSS

**Professional Experience**

### Software Engineer

**Kozlite Technologies Pvt Ltd, Bangalore** | 11/2021 – Present  
Kozlite Technologies specializes in providing comprehensive software solutions for enterprise clients across diverse industries.

* **Developed and maintained backend services** using Spring Boot and Spring MVC to power scalable applications, ensuring high system performance.
* **Designed and implemented RESTful APIs** that enhanced communication between microservices, leading to a 20% improvement in system performance.
* **Optimized database interactions** using Spring Data JPA and Hibernate, reducing query execution time by 15%.
* **Collaborated with cross-functional teams** in Agile environments, contributing to sprint planning, retrospectives, and continuous integration/continuous delivery (CI/CD) practices.
* **Implemented unit testing** with JUnit, ensuring the robustness and reliability of backend services.
* **Followed best coding practices**, conducting peer code reviews to ensure high-quality and maintainable code.

**Projects**

**Carstand** | **06/2023 – Present**

**Carstand** is a platform designed to optimize cab service operations by offering essential tools for efficient management. It includes **Cab Management**, enabling fleet tracking and maintenance to ensure optimal vehicle utilization. The **Driver Management** feature helps monitor driver performance, ensuring safety and compliance. **Booking Services** streamline the process for customers, providing easy access to booking, real-time updates, and efficient route management. By integrating these features into a cohesive system, Carstand enhances operational efficiency, reduces costs, and improves customer satisfaction for cab service providers.

* **Technologies**: **Spring Boot**, **Spring MVC**, **MySQL**, **Hibernate**, **RESTful APIs**, **JUnit**, **Agile**
* Designed and developed backend modules for managing cab and driver operations, improving API efficiency and reducing latency by 15%.
* Built and optimized **RESTful APIs** for seamless integration between frontend systems and backend microservices.
* Utilized **Spring Data JPA** to optimize database queries, achieving 20% improvement in performance.

**MrMason/Mekanik** | **11/2021 – 06/2023**

**MrMason/Mekanik** offers **24/7 engineering services** for plumbing, auto maintenance, and electrical support, ensuring users have access to expert assistance at any time. Built with a **modular microservices architecture**, it ensures flexibility and scalability by allowing each service to be developed, deployed, and maintained independently. The system enables **real-time service requests**, connecting users with qualified professionals who can address urgent needs promptly. By streamlining **service management**, the platform simplifies operations, offering a cohesive solution that enhances efficiency. This structure allows for the platform to scale with growing demand while maintaining high service quality and operational reliability.

* **Technologies**: **Spring Boot**, **MySQL**, **Microservices**, **REST APIs**, **Agile**
* Developed and maintained backend services using **Spring Boot**, ensuring modular, scalable, and efficient service delivery.
* Created and optimized database schemas for high-performance queries in **MySQL**.
* Troubleshot and resolved bugs across various modules, improving application performance and user experience.

**Education**

**Master of Computer Applications (MCA)**  
Acharya Nagarjuna University

**Key Achievements & Additional Information**

* **Agile Methodologies**: Actively participated in Agile/Scrum ceremonies, fostering collaboration and improving team delivery by 25%.
* **Optimized System Performance**: Reduced API response time by 20% through code refactoring and efficient database queries.
* **Problem-Solving**: Successfully debugged and resolved critical performance issues in a high-traffic platform, resulting in a 30% reduction in errors.