

Dereje Dena

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Professional Summary

Passionate Java Developer with 4 years of experience in building, debugging, and testing robust Java applications. Seeking to leverage my expertise in Spring Boot, microservices architecture, and RESTful API development to design and implement next-generation business applications in a dynamic and remote work environment.

Professional Experience**Software Engineer II**

Tata Consultancy Service - Chicago, IL

Jan 2021 – Sep 2024

- Developed and maintained scalable, resilient distributed systems using Java, enhancing performance, and ensuring zero downtime.
 - Designed and implemented RESTful APIs and microservices, ensuring seamless integration with front-end systems.
 - Participated in design sessions and code reviews, contributing to high-quality engineering practices.
 - Utilized Spring Boot and Spring Framework for developing back-end services, deploying them within a containerized infrastructure using Docker and Kubernetes.
 - Conducted database design and performance tuning in PostgreSQL, optimizing queries, data sharding, and partitioning.
 - Collaborated cross-functionally throughout the software lifecycle, promoting a culture of continuous improvement.
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Education**Bachelor's degree in computer science**

University of District of Columbia - Washington, DC

Aug 2016 – June 2020

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, Python
- **Frameworks:** Spring Boot, Spring Framework
- **Databases:** PostgreSQL, SQL Server, Oracle
- **Cloud Platforms:** Google Cloud Platform

- **Tools & Technologies:** Docker, Kubernetes, DevOps, RESTful APIs, Microservices, PowerShell scripting
 - **Development Methodologies:** Agile, Scrum
 - **Other:** XML Schema, HTML, CSS, jQuery
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Key Qualifications

- Strong understanding of CS data structures and algorithms.
 - In-depth knowledge microservices architecture using Spring Boot, improving system modularity and ease of maintenance.
 - Proficient in developer tooling across the software development lifecycle.
 - Excellent problem-solving abilities and strong oral and written communication skills.
 - Ability to excel in fast-paced, startup-like environments.
 - Experience with architecture and design patterns, reliability, and scaling of systems.
 - Proven track record in delivering high-quality technology products and services.
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Certifications

- [Google Cloud Associate, Google, 2024](#)