

Ozguc Dalga

Full Stack Developer

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Objective

Full Stack Developer with ~4 years of experience designing and delivering scalable web and software applications. Proficient in Java, Spring Boot, Python, Django, and modern front-end frameworks (React/Angular). Experienced in cloud deployments (AWS, Docker, Kubernetes), CI/CD, and database optimization (PostgreSQL, Redis). Skilled in integrating AI and data analytics (LLMs, Pandas, NumPy) into applications for intelligent, data-driven solutions. Agile team player with strong problem-solving and communication skills, delivering high-quality, client-ready software.

Skills

Languages:	Java, Python, SQL, JavaScript	Version Control:	Git, SVN, GitHub
Web Frameworks	Spring Boot, Django, ExpressJS	Messaging:	Kafka, SQS
AI/ML:	Pandas, NumPy	Database:	MySQL, MongoDB, S3, RDS
Cloud Platforms:	AWS, Docker, Kubernetes	Soft Skills:	Quick Learner, Detailed-Oriented, Problem Solver, Team Contributor
Frontend Stack:	HTML, CSS, Angular, React		

Experiences

Full Stack Web Developer

YY APPLICATIONS INC, Toronto

06/2023-06/2025

- **Designed schemas, tables, relationships, and constraints, along with indexing** strategies; applied **normalization** for data integrity or **denormalization to improve performance** based on application needs.
- **Built and deployed microservices with Spring Boot, Docker, and Kubernetes**, ensuring scalability, resilience, and smooth orchestration of containerized services.
- **Built** resilient, **event-driven microservices** with **Apache Kafka(Asynchronized)** and **Circuit Breaker (Resilience4j)** to ensure reliable order and payment processing, even during **downstream API failures**.
- Built responsive Angular components for inventory dashboards and invoicing forms, leading to a **25% increase** in operational efficiency for end-users.
- **Applied API Gateway** with **rate limiting** and **authentication** for secure, controlled access, reducing unauthorized **API calls** by 35%.
- **Developed RESTful APIs using Java and Spring Boot** to manage inventory and invoicing workflows, reducing manual data entry time by **40%**.
- Merged **front-end Angular forms with backend endpoints**, streamlining data flow and decreasing form submission errors by **50%**.

Full Stack Software Developer

FGC HEALTH, Alberta

11/2022-04/2023

- **Deployed distributed services in Java** to on-premises data center environments using **Jenkins pipelines**, reducing manual release efforts by 60% and ensuring consistent artifact delivery.
- Integrated the **Twilio API** into a Java-based enterprise system, **ACCESS POINT**, to automate SMS notifications for patients linked to pharmacy systems, improving communication efficiency by 40%.
- Queried patient response data from **MySQL databases**, filtered engagement metrics, and generated pharmacy-specific reports in CSV format, enabling insights for over 10 pharmacy branches.
- Improved reporting accuracy and delivery speed by **50%** through optimized SQL queries and automated data export pipelines.
- **Integrated the Twilio API using synchronized RPC inter process communication** into a **Java** enterprise system, **ACCESS POINT**, to automate **SMS notifications** for patients linked to pharmacy systems, improving communication **efficiency by 40%**.

Full Stack Developer (Talent Incubation Program)

JARVIS CONSULTING GROUP, Toronto

10/2021-07/2022

- Participated in a rigorous bootcamp—working on user stories across multiple tech stacks such as **Spring Boot, REST API design, cloud deployments, data pipelines**, and **UI** development.

- Built a Twitter API integration app leveraging **REST APIs** and **OAuth Authentication** to retrieve, process, and display live social media feeds.
- **Designed and optimized PostgreSQL databases** for e-commerce microservices, including **data modeling, indexing, query optimization, and transaction management** to ensure high performance and reliability.
- **Containerized** backend services and front-end builds using **Docker** to ensure consistent deployments across environments.
- Developed a command-line **“Grep App”** in Core Java simulating real-world text search functionality, demonstrating **strong problem-solving** and **algorithm optimization** skills.
- **Containerized Spring Boot services with Docker and orchestrated deployments with Kubernetes**, improving scalability and reliability of the e-commerce application.
- Utilized **Docker** and **Kubernetes** for **microservice deployment**, enhancing **scalability** and reducing **deployment time** by 10%.
- **Designed and optimized PostgreSQL databases** for e-commerce microservices, including **data modeling, indexing, query optimization, and transaction management** to ensure high performance and reliability.
- Implemented **AWS fundamentals (EC2, S3, IAM)** to deploy applications and manage cloud resources, ensuring hands-on exposure to cloud infrastructure.
- Demonstrated **leadership** in the incubation team, managing **daily stand-ups, sprint planning, retrospectives**.

Projects

Langchain Customer Support	AI Customer Service API	2025
Hotel Reservation Management System	Python-and-Flask	2024
WeatherWiseApp	Application	2023
Hospital CRM Project	MedySync-Pro	2025

Certifications

AWS Cloud Computing	ThinkCloudly	05/2025	credential
Cloud Governance Concepts	Microsoft	10/2024	credential
Git Essentials Training	LinkedIn	11/2024	credential
Microsoft Copilot (Prompt Writing)	LinkedIn	02/2025	credential
Learning Kubernetes	LinkedIn	03/2025	credential
PMI Agile Certified Practitioner (PMI-ACP)	LinkedIn	03/2025	credential

Education

Lambton College	Computer Software & Database Management	2020-2022
Karabuk University	Engineering Faculty (Mechanical Engineering)	2011-2016

Interests

Hockey, Baseball, Hiking

References

Available upon request.