

Ozguc Dalga

Software Development Engineer

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Professional Summary

- 6 years of experience in **Software development/Web development** with automation projects (**Backend and Frontend**).
- Great knowledge in the implementation of **(SDLC)Software Development life cycle**.
- Excellent knowledge in **Core Java** and **Functional Programming**.
- Expertise in understanding Business Requirement Specifications, **Functional Specifications**, and Design documentation and implementing them into **MVC** Architecture's scenarios.
- Strong knowledge of **AWS** services and their applications.
- High **availability** and **scalability** architectures.
- Building, managing and **scaling cloud** infrastructure.
- **DevOps** principles and **scalability** architectures.
- **Security** and **compliance** standards (PCI DSS HIPPA)
- Excellent knowledge of various types of Design patterns for any particular concepts with **MVC, microservices**, Layered patterns, and **Event sourcing** patterns.
- 5 years of experience **Spring Framework, Spring boot Microservices Architecture, SOA, MVC, TDD (Test Driven Development)** and **BDD (Behaviour Driven Development) Multithreading, Concurrency**.
- Advanced knowledge of **Servlet, Spring boot** and **ORM tools** such as **JPA/Hibernate**.
- Great experience **Aspect Oriented Programming (AOP)**.
- Advanced experience using **JSON** and **XML** to utilize data transfer Objects between layered systems.
- Strong knowledge of **Maven, Gradle, NPM** and **Api Testing** with **Postman, Swagger**.
- Handled backend testing using **JUnit4** and **Mockito** with **Integration** testing.
- Great knowledge of **RDBMS (MySQL and PostgreSQL)**.
- Advanced experience (**6 years**) using **HTML, CSS**, and **JavaScript** with **Angular, React** and **NPM** build tool.
- Expertise in **Bootstrap**, and **Tailwind CSS** with **Dynamic web design** and **Static web design**.
- Experienced using **Google Cloud Platform (GCP), Docker** and **Linux**.
- Strong understanding **Git/GitHub, SVN, Bitbucket**.
- Strong knowledge of using **Jira, Slack, Confluence**.
- Hands on **Agile** requirements such as **daily scrum meetings, Sprint Planning, Sprint Grooming, Sprint Demo**, and **Sprint Retrospective meetings**.

Skills

Languages: Java, JavaScript

Ide: IntelliJ, Eclipse, Visual Studio Code

Testing Framework: JUnit, Mockito, Java Compiler
And Debugging

Operating Systems: Windows, Linux

Basics: Html, CSS, Bootstrap, Tailwind

Repository System: Git, GitHub, Bitbucket, SVN

Build Tools: Maven, Gradle, Apache ANT, NPM

Databases: SQL, MySQL, PostgreSQL, MongoDB

Cloud: AWS and GCP

Methodologies: Agile, Waterfall

Soft: Time management, problem-solving,
quick-adopted

Work History

Full Stack Developer, 11/2021 to Current

UNIMATRIX COMPUTER SOLUTIONS

- Implementing **microservice architecture** and developing important functionalities such as user management, product catalog, and order management.
- **Designing** and **building scalable** and **highly reliable** applications infrastructure
- **Optimizing** next-generation infrastructures using **AWS** services and tools.
- **Planning, deploying** and **managing** the company's cloud-based infrastructure
- Designing and implementing **RESTful APIs** using **Spring Boot**, ensuring adherence to industry best practices for **API design** and **security**. Integrating **authentication and authorization** mechanisms to enhance **API security** and access control.
- Utilizing containerization technologies like **Docker** to package and **deploy microservices**, improving development and deployment efficiency. And orchestrating **microservices** using Kubernetes for seamless **scaling, load balancing, and fault tolerance**.
- Deployment and management with **Kubernetes** and **Docker**.
- Designing comprehensive test scenarios to test software units included both **positive** and **negative scenarios, boundary conditions, and edge cases**.
- Managing the data flow of the application using efficient tools like **Redux** and **React Context API** for state management. Integrating the application with databases and communicated with **APIs** using libraries such as **Axios** or **Fetch**. Analyzing performance problems, examined logs, and implemented corrective actions.
- Optimizing **database design** and performance using **MySQL**.
- Utilizing my troubleshooting and debugging skills to assist the customer support team in resolving issues on **GCP**. Analyzing performance problems, examined logs, and implemented corrective actions. Managing the troubleshooting process by interacting with customers.
- Managing project dependencies using **Maven** and established **Continuous Integration** and **Continuous Deployment (CI/CD)** processes using **Jenkins**.
- Participating in **Sprint Planning meetings, Grooming, Daily stand-up, Demo, and Retro** meetings.

Full Stack Developer, 03/2018 to 12/2019

KALIMBA TECH

- Worked on the development and integration of **microservices** using **Spring Boot** and **Spring Cloud**.
- Implemented **microservice architecture** by breaking down services into components to build a functional application.
- Developed and deployed **scalable microservices** using **Spring Boot** framework, contributing to the design and implementation of a **robust microservice architecture**. Collaborated with **cross-functional** teams to deliver high-quality solutions within project timelines.
- Utilized bug tracking systems to detect and manage issues encountered during **unit testing**.
- Designed a **microservices**-based application architecture using **Kubernetes** on **GCP**. By leveraging **GCP's Kubernetes Engine**, deployed, managed, and scaled applications, enabling features like automatic scaling and load balancing for high availability.
- Developed scalable and high-performance cloud-based applications using services. By utilizing **GCP** services such as **Compute Engine** and **Cloud Storage**, deployed the **infrastructure** and ensured uninterrupted application performance.

- Analyzed business requirements and generated effective solutions by making modifications to the codebase using **Angular**, **React**, and **JavaScript**.
- Determined **technical requirements** for new product features and functionalities and estimate the amount of work involved in delivering project phases.
- Utilized **Linux** tools and utilities to streamline development workflows and enhance productivity.
- Adopted different **version control** workflows in **Bitbucket** through **JIRA** and **SVN**.
- Attended **Scrum/Agile** ceremonies such as **Sprint Planning**, and **Daily Stand-up**.

Web Developer, 01/2016 to 03/2018

FIBSAN

- Contributed to the development of an e-commerce platform using **Java** and **Spring Boot**.
- Participated in the process of transforming an existing **monolithic** application into **microservices**.
- Worked on the design, development, and documentation of **RESTful APIs**.
- Contributed to the development of modern web applications using **Angular**, and **JavaScript** technologies.
- Utilized **CSS** and **HTML** skills to implement design documentation, ensuring consistent and aesthetically pleasing interfaces.
- Handled database design and data management using **RDBMS** such as **PostgreSQL** and **MySQL**.
- Used **Git** for **version control** and collaboration with other team members.
- Participated in **Sprint Planning meetings**.

Education: Lambton College | Computer Software & Database Management | 01/2020-09/2021
Karabuk University | Computer Science | 09/2011-06/2015

Languages: English, Turkish

Interests: Coding, Triathlon