Agustin Schulze

FullStack Developer

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ABOUT ME

Hi! I'm Agustín Schulze. Currently, I'm working remotely as a Java Backend Developer, and I'm also training in different technologies both in institutions and self-taught.

I consider myself an active and flexible person, with a predisposition to learn and work in a team, in this way, I seek to achieve personal and professional growth. With a solid foundation in technologies such as Java, Spring Boot, and Spring Cloud. Recently, I have embarked on the process of obtaining the official Java SE 11 Developer 1Z0-819 certification to strengthen my mastery in Java development.

WORK EXPERIENCE

FullStack Developer 08/2023 – present
Capital Municipality of Mendoza

I work as a Full Stack Developer for the Development and Systems department, where I expertly use Java and Spring Boot in my programming responsibilities. We also utilize React, NodeJS, MySQL, MongoDB, and Linux. This experience has provided me with the opportunity to strengthen and enhance my skills in Java and Spring Boot, significantly contributing to my professional development in the field of programming.

Backend Programming Instructor/Tutor 07/2022 – 04/2023
Egg Cooperation

Being part of the tutoring sessions allowed me to develop my soft skills and understand the importance of cooperation. Being able to contribute to the Egg community as a tutor was very fulfilling. This role emerged from my previous programming knowledge and my performance during the course. I found a space for self-awareness and assistance to my peers.

ACADEMIC EXPERIENCE

Champagnat University 01/2020 – 01/2022
Bachelor's Degree in Systems Engineering

Cultural Institute of Mendoza 01/2017 – 01/2022
Written and Conversational English

Egg Cooperation 01/2022 – 01/2023
Backend Developer

Oracle Next Education - Alura Latam 11/2022 – 04/2023
Backend Developer

CERTIFICATES

- Technical English - Santísima Trinidad Foundation
- Complete Guide to JUnit and Mockito with Spring Boot Test - Udemy
- DevOps with Docker, Jenkins, Kubernetes, Git, GitFlow CI/CD - Udemy
- English Certificate C1 Advanced - EFSET
- Spring Boot and Angular: Creating Fullstack Applications - Udemy
- Postman API Fundamentals Student Expert Certification
- Microservices with Spring Boot and Spring Cloud Netflix Eureka - Udemy
- Spring University - Spring Framework and Spring Boot - Udemy

SKILLS

Java | Lambdas | Functional Programming | Spring Boot | Spring Cloud | Microservices | Linux | Docker | Jenkins | CI/CD | Prometheus | Grafana | Kubernetes | Pipelines | OAuth2 | JWT | SQL | MySQL | JUnit | Mockito | HTML | CSS | JavaScript | Angular | Bootstrap | Tailwind | Git | GitHub

PERSONAL PROJECTS

Java Microservices
Java | Spring Cloud | OAuth2 | Docker | Eureka | Gateway | Oauth2 | JWT | Hystrix

Application of user authentication using OAuth2 and JWT, configuration servers using Spring Cloud Config Server, load balancers with Spring Cloud LoadBalancer and Ribbon, fault tolerance and latency handling with Resilience4J, distributed tracing in microservices with Spring Cloud Sleuth, creation of Rest Repositories with HATEOAS, automation, scaling, and deployment of microservices in Docker containers.

Autoescalable Application
Java | Spring Boot | Eureka | Docker | Gateway | Keycloak | Kafka | Grafana

Inventory and order application oriented to microservices, utilization of Docker for containerizing the microservices and facilitating their deployment in production environments, integration of Keycloak for managing user authentication and authorization, implementation of fault tolerance and resilience in microservices using Resilience4j, implementation of distributed tracing with Zipkin for monitoring the flow of requests.

Inventory Control
Angular | Docker | Spring Boot | API REST | Keycloak | Google Cloud Platform

Inventory control using a MySQL database, the application exposes RESTful services that return data in JSON format to the client, authentication in the system is done through Keycloak, which is deployed in Docker containers. This implementation provides a robust security layer to control access to the application. Additionally, the application has been successfully deployed on the Google Cloud Platform, ensuring its availability and scalability in the cloud.

FixitNow!
Java | Spring Boot | MySQL | OAuth2 | Java Mail Sender | i18n | Html | Css | Javascript | Bootstrap

The project is a home repair service application. Users can log in using a form or their Google account. Once logged in, they can search and filter providers based on their profession, rating, or name. Providers can accept, reject, modify, and quote jobs requested by clients. Clients pay for accepted services and can leave reviews and complaints. Administrators can censor inappropriate comments. It has email password recovery and support for logging in with Google.

Customer Control
Java | Spring Boot | Spring Security | i18n | MySQL | Html | Css | Javascript | Bootstrap

This project is about an application for client management aimed at the corporate environment. It features a login managed by Spring Security implementing roles. The project is also internationalized with 4 different languages. Additionally, it has a dashboard to view the total balance of clients or each one independently, and the application design is fully responsive, functioning on any device.

VideoCall App
Java | Spring Boot | JS | Zegocloud | API REST | Html | Css | Javascript

The application features registration, allowing users to register by providing necessary information through a form. It includes secure login to create new video call rooms and share codes for others to join the meeting. Participants can send real-time messages using webhooks during the meeting. Users can enable and disable their cameras and microphones during video calls. Lastly, the application displays the connection status of users, indicating who is online and who is offline.

Real Time Chat
Java | Spring Boot | MongoDB | Docker | Websockets | Html | Css | Javascript

The real-time chat application is structured in a modular way, using websockets for real-time communication, components, modules, and services in Spring Boot. The frontend is designed with a fully responsive user interface, and the application is dockerized, making it easy to deploy and run in different environments without worrying about operating system dependencies. Lastly, MongoDB is used as the database to store chat-related information, providing flexibility and scalability.

LANGUAGES

English - C1 | Spanish - Native