

Gonzalo R. Fabián Álvarez Alvarado
Junior Software Engineer Java 21 | Spring Boot

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Professional Profile - Backend Spring Developer

Backend developer specialized in the Spring Framework ecosystem with experience building robust enterprise applications. Proficient in developing REST APIs using Spring Boot, implementing layered architectures with clear separation of responsibilities, and managing transactions to ensure data integrity. Microservices implementation with the capacity to separate responsibilities via architecture design patterns, with the latest technologies like AWS, Docker, PostgreSQL, Resilience4j and Kafka. As well as monitoring technologies like Grafana and Prometheus.

Education

Pontificia Universidad Católica de Valparaíso(PUCV)
Electrical Engineering | Escuela de Ingeniería Eléctrica (EIE)

Valparaíso, Chile
2016-2020

The Odin Project
HTML5, CSS3, JavaScript, React

Online
October 2025 - Now

Projects

Puerto Montt, Chile
2026

Spring Bank – Bank System REST API | github.com/senhkenh/springbank

Development of a banking application using Spring Boot, MVC architecture, and REST API. Features include secure inter-account money transfers (@Transactional), account lookup by name, and comprehensive management of 500 test accounts. The system includes REST controllers, business services, repositories with custom queries (@Query), exception handling, and an integrated H2 database with schema and initial data.

Technologies: Spring Framework, Spring Boot 4.0, Spring Data JDBC, Spring Web MVC, H2 Database, Maven, Java 25, REST API, Transactions

OptimaGrowth | Microservices – License Services | github.com/senhkenh/OptimaGrowth | PRIVATE repository

Enterprise level application, with high standards in the technological industry DevOps. **Microservices** architecture to manage, protect and monitoring an entire system to manage licensing services for enterprise software. Optima Growth is the perfect example of a well integrated enterprise professional system.

Abilities – Backend Spring Framework Java

Dependency Injection(DI), Inversion of Control(IoC) in Spring Context. Beans, Wiring Beans, Abstraction, Bean Scopes and life cycle. Object Services, Data Access Object(DAO), Repository, Proxy's. Singletons & Prototype. @Autowired, @Bean, @Component, @Service, @Repository, etc, annotations. AOP – Aspect Oriented Programming. Spring Boot MVC. API REST, DTO. Spring Cloud OpenFeign. JDBC, DBMS. Spring Data, ORM framework, Hibernate, @Transactional, SQL.

Microservices. Postman, HATEOAS, Multi-Stage build, Docker, Kubernetes, Prometheus, Grafana, AWS, Redis, PostgreSQL. EC2, ELK, Spring Cloud Configuration Server. Vault UI. Service Discovery. Load Balancer, Eureka. Netflix Feign. Resilience4j. Spring Cloud Gateway. Keycloak. Spring Cloud Stream. Kafka. Sleuth & Zipkin, AWS EKS.

B2-C1 English