Alessandro **Bagnoli**

Software Engineer · Backend

Riccione (RN), Italy

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"Any sufficiently advanced technology is indistinguishable from magic."

Summary

Currently Backend Engineer at Alpian. 4+ years of experience in backend development on Java environments and frameworks, with curiosity in exploring also the infrastructural side of the solutions I work on. Interested in devising and applying better methods of solving challenging tasks, and learning new technologies and tools on the backend side when needed. Current personal objective is to master both Kotlin and Go.

Work Experience

Alpian   *Riccione (RN), Italy - Full remote*

Backend Engineer   *May 2022 - Today*

Member of a Scrum Team building the backend side of the first Swiss digital private bank, leveraging microservices architecture and fully embracing the cloud native approach using GCP.
- Languages and tools: Java 11, Kotlin, Go, Maven
- Frameworks: Spring Boot, Hibernate
- Databases: both relational (PostgreSQL) and non-relational (MongoDB, Google Datastore)
- Testing libs and frameworks: JUnit, Mockito, Testcontainers
- Communication: both synchronous (REST, gRPC), and asynchronous (Google Pub/Sub, ActiveMQ)
- Versioning: Git with Github-Flow

OverIT   *Riccione (RN), Italy - Full remote*

Backend Software Developer   *October 2021 - May 2022*

Backend Development and maintenance of custom web applications exposing APIs consumed both from an enterprise BPM and web frontend.
- Languages and tools: Java 8, Maven, WildFly
- Frameworks: Spring Framework, Hibernate
- Databases: relational (PostgreSQL)
- Testing libs and frameworks: JUnit, Mockito
- Communication: both synchronous (REST), and asynchronous (ActiveMQ)
- Versioning: Git with Git-Flow

I-Tel   *Riccione (RN), Italy*

Backend Software Developer   *August 2018 - October 2021*

Design and implementation of custom projects and middlewares required for integration with external backend systems. Migration of one of the company's products from a proprietary development platform to a new modular architecture, based on well-known frameworks.
- Languages and tools: Java 8/11, Tomcat, Asterisk
- Frameworks: Spring Boot, Hibernate
- Databases: relational (PostgreSQL)
- Communication: synchronous (REST)
- Versioning: Git, SVN

Education

Alma Mater Studiorum - Università di Bologna   *Cesena (FC), Italy*

Master's Degree in Computer Science and Engineering   *September 2012 - July 2018*

Certifications

AWS Certified Cloud Practitioner

Credential ID: EC7RD6TJEJ411W59