

Davide Listello

Software Engineer



Andezeno, Torino - Italy

+39 376 2485 844

davide.listello@gmail.com

<https://www.linkedin.com/in/davide-listello-701aaba/>

<https://github.com/listellodavide/>

OBJECTIVE

Good team player, trilingual, result-oriented and pragmatic Senior Software Engineer with 12+ years of experience in programming Java. Solid knowledge of Integration patterns, hand-on experience with Spring Boot, JPA, JMS, RESTful API design and consume API, ETL pipeline design, micro-service deployment in Kubernetes and Docker containers.

Good know how for Event Driven Architecture (EDA), Micro-services, CQRS, Event Sourcing, Functional and reactive programming framework such as RxJava.

Work experience in Agile Scrum and SaFe Teams. Hands on experience with design and development of highly available, distributed and scalable transactional enterprise systems.

Deep exposure to Azure Cloud DevOps, Jenkins, DevOps/CD and zero downtime system. Ability to seamlessly transition to high-priority tasks and situations. Experience with Mysql, PostgreSQL, MongoDB, Cassandra and Kafka Streams.

Hands on experience in developing SPA web & mobile application in Angular/Bootstrap and Flutter. Good knowledge of code quality, SonarQube, Git, Maven/Gradle and automated deployment Ansible and Docker containers.

Test automation, Test plans, cases and Dependency Matrix, Functional, Performance, Blackbox/Whitebox testing, Resilience and Regression testing.

SENIOR APPLICATION ENGINEER

WORK EXPERIENCE

Software Engineer / Cybersecurity Engineer

2024 - Present

Golang Freelancer, Chieri, Turin (Italy)

- Developed various web application using Go as backend language and create modern web application.
- Developed microservice in Java that are based on CQRS and event sourcing, that follow the Event Driven Architecture.
- Prepared for AWS Architect Certification and learned GitLab CD/CI pipelines.
- I developed custom web application for 2 clients using Java Spring Boot 3 and Angular 17.
- Worked on cybersecurity projects to improve security, pentesting, implement firewall policy, monitor network with IDS

Senior Application Engineer

2020 - 2024

Swiss Reinsurance Ltd, contract, Zurich (Switzerland)

- Delivering micro-service applications for their MVP accounting system based on Kafka Stream. Designing an Extract, Transform and Load (ETL) data processor from source systems, general ledger/master data to the Kafka streams topics for others micro-service to consume them, and delivering the insurance bookings in SAP/Hana.
- Contributing to Unit/Integration Testing, actively participate in test cycle and meetings with Business Analyst.
- Archived high scalability and performance, resolved issue around processing high volume of data, enriching data from one format to another, optimize code, improve maintainability, quality and overall customer's satisfaction.

Technology: Java Spring Boot, Kafka, Postgres, Azure Dev/Ops, git, gradle, Kubernetes/Docker, SCRUM

Senior Software Engineer

2014 - 2019

Greenliff AG, consultant for Swisscom AG, Zurich (Switzerland)

- Implemented new functionality for TV STB notifications service with particular focus on scalability, stability, automated testing on micro service architecture using Kafka and REST APIs. Contribute to testing API Video Streaming Service platform by implementing continuous integration pipeline using Docker.
- Work on End-to-End performance Testing and aggregate measurements and analysis of TV STB UI load time and performance analysis, STB notifications and aggregated learning action.

Technology: Java Spring Boot, Kafka, Postgres, git, maven, Prometheus/Grafana, AWS, Docker, SCRUM

Senior Software Architect Pilatus Aircraft Ltd , Stans (Switzerland)	2013 – 2013
<ul style="list-style-type: none"> Developed eLearning platform for ground training of student pilots. Developed interactive cockpit PC21 simulator. Archived delivery on time of new functionality weekly to the project, high customer satisfaction. <p><u>Technology:</u> Java, Action Script, Apache Tomcat, JAX-RS, HTML5/CSS3, SQL, Stored Procedure, SCRUM</p>	
Senior Software Engineer Telematica Informatica, consultant for DeltraTre Spa , Turin (Italy)	2012 - 2012
<ul style="list-style-type: none"> Built mobile responsive m.london2012.com Official Olympic website, and improved the feeds parsers for different TV broadcaster for web score for Sport Venues and validation of match points and results in all pages. 	
Full Stack Developer DWS Ltd, consultant for ANZ Banking Group , Melbourne (Australia)	2011 - 2011
<ul style="list-style-type: none"> Lead the process of requirements definition, design and service implementation under CI/CD of a risk management web application, provided functionality on both frontend and backend 	
Technical Lead Architect BPEX Srl , Cuneo (Italy)	2010 - 2011
<ul style="list-style-type: none"> Tracked all requirements in Jira, organized development, participate in the core functionality of a new 3D visual map of big warehouse item location, and forklift pathfinder algorithm to minimize movements of goods. 	
Web Developer Bakeca.it Srl , Turin (Italy)	2007 - 2010
<ul style="list-style-type: none"> Improved company turnover by added new key features, premium advertisements, improved the search algorithm, and enhanced SEO metrics by adding metadata, better URL generation for the overall web application. Improved code scalability and refactored code base and increased test coverage. 	

QUALIFICATIONS

BSc Software Engineering Polytechnic University of Turin, 2007 My dissertation was entitled 'SQL Injection exploits in web application' and discussed the impacts of url manipulation and user input, if not properly sanitized, can lead to data thief and DBMS data integrity corruption. I achieved a score of 87/110.	2001 - 2007
High School Diploma in Computer Science ITIS Amedeo Avogadro of Turin, 2001 I achieved a score of 77/100 on final exam and scoring distinction on computing theory and algorithms.	1996 - 2001

CERTIFICATIONS

- ☐ IREB Certification for Requirements Engineering by International Software Quality Institute (ISQI).
- ☐ Web Developer ASP.net MVC, HTML5, JS, CSS3 by Microsoft Certification (70-480, 70-486).
- ☐ Functional Programming Principles in Scala (License 56F6NY2S6YMQ)
- ☐ Google Cybersecurity Analyst Certification
- ☐ Currently enrolled on Professional Scrum Master (PSM I)
- ☐ Currently enrolled on online certification CISSP

SKILLS

- | | |
|--|---|
| <input type="checkbox"/> Agile Scrum, SaFe, Kanban Teamwork methodology | <input type="checkbox"/> Spring 5 MVC, Spring Security, JPA, JMS, REST |
| <input type="checkbox"/> Fluent in English, Spanish, Italian and German (B1) | <input type="checkbox"/> Git, Maven/Gradle, Jenkins, CI/CD, Docker |
| <input type="checkbox"/> Good knowledge of Java 8+, Scala and Python | <input type="checkbox"/> Knowledge of Kafka Streams, Schema Registry, Avro |
| <input type="checkbox"/> Business modelling and Requirements Engineering | <input type="checkbox"/> AWS, Microsoft Azure, Google Cloud Services |
| <input type="checkbox"/> Familiar with Oracle PL/SQL, MySQL, PostgreSQL, Cassandra | <input type="checkbox"/> Excellence in SaaS & Distributed Computing |
| <input type="checkbox"/> Quality Assurance, Unit Testing and Integration Testing | <input type="checkbox"/> Self-Learned Go/Golang, Python, |
| <input type="checkbox"/> Knowledge of Docker, Kubernetes, Helm, Artifactory | <input type="checkbox"/> Quality driven, process oriented and structured approach |

HOBBIES & INTERESTS

- ☐ Passionate about new Technology
- ☐ Interested in all about CD/DI best practice
- ☐ Open source projects in Scala/Java 11
- ☐ Running and swimming
- ☐ Block-chain and Smart Contracts technology
- ☐ Security Hacking and Cryptography

Reference available upon request