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(updated: April, 2025)

Technology cloud (most recurring)

****   Java (cert. **SCJP5**), Maven, Spring, SOAP, MsSQL

***   XML, Rest, Jenkins, Hibernate

**   AWS (cert. **DVA-C02, SAA-C03**), Terraform (cert. **HCTA0-003**), Tomcat, MongoDB, Idea, Grafana, Eclipse, Docker

Experience

Sep 2021 - present day, Java / SCALA Developer, YOOX.

- Reference point among developers within an AWS / Terraform project
  - Creation of shared modules (10+ usages)
- Development, deploy, and follow up of:
  - Java modules customization of the core order management tool
  - Scala microservices development for integration with internal or 3rd party systems
- Introduced test containers on an internal api (2 msgs / sec) improving CICD compile time by 60%
- Introduced threshold alerts on Elasticsearch to help troubleshooting activity
- Development of new cloud infrastructures with Terraform or manage existing ones
- Presented to the developer team 2+ refactored tools and a new graphql api project

Technologies: *Scala, Java 8-21, Maven, Gradle, Oracle, MsSQL, MongoDB, XML, SOAP, RabbitMQ, IbmMQ, Idea, Docker, AWS, Terraform, Grafana, Jenkins, Elasticsearch.*

As an agile practitioner:

- User story estimations
- Redacting technical debt tasks
- Giving speech to dev teams for best practices

May 2018 - Sep 2021, Senior Grails Developer, MotorK Italia, s.r.l.

As a developer:

- End to end contribution to 3 upfront company websites (digital automotive field) in the form of
  - Apis exposing car data to wordpress layer (4K vehicles extracted daily from Jato database)
  - Chatbot finite state machine to spare the user from compiling the online form. Integration with Google language model to detect typos

- ○ Real time data analysis and alerting: immediate check of third party lead quality to guide interactions with suppliers
    - ○ Dockerization of a legacy application to cope with obsolete dependencies. Removed manual deploy and created always synced pre-production environment
- A single stack estimate throughput is about 10K processed entries per month.
- Constant interaction with devops for AWS application migrations on Kubernetes
- Gave a speech to the whole company a lead ingestion project in terms of design and impact on customer
- Lectured the developer team on how to use Streams in Java 8 in undergoing projects

Technologies: *Java 8-12, Grails, Hibernate, Maven, Spring Boot, Rest, SOAP, Rest, Idea, Spring Batch, MySQL, Solr, MongoDB, Tomcat, Docker, AWS, Kubernetes, Prometheus, Grafana, Jenkins.*

As an agile practitioner:

Directly interfaced with clients, did user story estimations, and mentored younger colleagues.

Feb 2011 - May 2018, Advanced Consultant, Altran Italia, s.r.l.

As a developer:

- End to end support for 10+ Rich Internet Applications and required common libraries in the finance field with tracking and reporting goals.
- Integrated some of the tools with Big Data analysis softwares such as Splunk, connected with external layers such as mainframes or standard message driven middlewares (SWIFT protocol), and parallel calculus platforms.
- Created a new SOAP microservice used to send all outgoing technical emails from the tools (order of magnitude: thousands / month). Gave a presentation of the tool to the dev team

Technologies: *Java, GWT, Hibernate, Maven, Spring Batch, SQL Server, Tomcat, Splunk, SOAP, Rest, XML, Eclipse, Sonar, Jenkins*

As an agile practitioner:

- Scrum master in an international team, located across Italy and India
- Supervised the whole deploy cycle (both on site or on abroad IT infrastructure),
- Mediated between business analysts, application management staff, and customer support.

As a consultant:

- Aided in candidate screening and technical interviews (100+) for clients pertaining to the business unit
- Mentored younger colleagues

Sep 2007 - Feb 2011, Tech Gap Italia, s.r.l.

As a developer:

- Rich Internet Applications (Java) and real time integration layers (C) in finance and energy fields.
  - Data order of magnitude was 100K entries / day
- Design, development, on - site deployment, and follow up of Java / .NET based applications for tagging, tracking, and reporting in these industries:
  - Chemical (40K kegs in the first batch after go live)
  - Healthcare (pilot project about 1K blood bags)
  - Automotive (pilot project - about 100 car engines).
- The automotive project received the "RFID Italia Award 2008" prize. Showcased at the Bologna Motorshow the same year. The development went from serial port RFID reader drivers to the UIs.
- Lectured a two months advanced Java course (J2EE, JPA, EJB) at a client site (10+ attendees)

Technologies: *Java, Swing, Hibernate, Maven, Spring, Eclipse, SOAP, XML, XSLT, PostgreSQL, SQL Server, C, C#, ASP, RFID*

Courses - certifications

- Sept 2024 - HashiCorp Certified: Terraform Associate (003)
- Oct 2023 - AWS DVA-C02 Associate Developer
- Mar 2018 - M101J: MongoDB for Java Developers
- Mar 2009 - Sun Certified Java Programmer, ver 5.0
- Mar 2007 - Oracle AS and Oracle Database fundamentals

Education

- Computer Science Engineer Ph.D, University of Pavia.
- Master Degree, Computer Science Engineering, University of Pavia.

Foreign Languages

Proficient in English - C1