



Giacomo Mattia Pumapillo Pena

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WORK EXPERIENCE

07/01/2025 – CURRENT Bioggio, Switzerland

SOFTWARE ENGINEER & BUSINESS ANALYST AVALOQ

Assignment description: I develop main digital services of banking in Switzerland.

Tools and methodologies:

- Angular
- Java / Spring
- Kotlin for Android
- OracleDB

10/06/2023 – 31/12/2024 Chiasso, Switzerland

SOFTWARE ENGINEER RELEVANT SA

Assignment description: I am a SWE who develops a product for the Italian regions that helps employment centres manage the hiring of people with disabilities. It also checks that companies are compliant according to current regulations.

Task & responsibilities: I was put in charge to develop a whole new module in the existing application. In fact I designed, developed and implemented several new components of the frontend applications and built API services of backend applications that aim to create an automated module who takes care of the compliance of the company.

Key activities:

- Designed and implemented web applications using Angular framework
- Developed and implemented API based on micro services infrastructure backend using Spring framework
- Enhanced database structure and reliability
- API documentation with SwaggerUI and OpenAPI
- Defect and bug tracking
- Deploy and testing functional environments

Tools and methodologies:

- Angular v17 (Typescript - RxJS)
- Java / Springboot / Spring Data / Spring Batch
- Oracle DB
- Gitlab for versioning
- Docker for containerisation
- Tools : SwaggerUi / OpenApi / Postman / Jira / Putty (tunneling)

01/01/2022 – 01/06/2023 Milano, Italy

SOFTWARE DEVELOPER ALTEN

Assignment description: I had the opportunity to work exclusively as extern supplier for Intesa Sanpaolo, within the IB service (Internet Banking), the web site used by customers to manage their banking account and services.

Company details could be found at: <https://www.intesasanpaolo.com>

As a software developer I was engaged to manage the migration of Intesa Sanpaolo services and users to the new Isybank online service; together with the analysis team I carefully ensured security, efficiency and granted delivery deadlines.

Task & responsibilities: Create etl data flow for migration users. Create and implement services for advising users of migration. New user interface for isybank. Analysis of regression and bugs. Create batch for reloading new user migrated data.

Key activities:

- Designed and developed user interface (home banking) with Angular 8
- Designed and implemented solution mobile Multiplatform using React Native
- Designed and implemented API using Spring boot
- Defect and Incident identification: track, find and solve software development defects reported by user (ISP)
- Deploy and testing the functional environments

Tools and methodologies:

- Java 8 / Spring boot / Maven
- Angular v16
- React Native
- Docker for containerisation
- Jira / Bitbucket / SourceTree
- Jenkins
- Postman / Kibana / Visual Studio Code / Xcode / IntelliJ

01/01/2021 – 10/12/2021 Milano, Italy

SOFTWARE DEVELOPER INTEGRIS S.P.A.

Assignment description: During this period, I had the opportunity to work as an external contractor in the software development team of Bridgestone, a web-based application used to store and manage customer services information.

Company details could be found at: <https://www.bridgestone.it>
Product detail is under private manage

I designed and implemented a new section in the management application, developed front to back end section, services, schema, dtos, controllers and query.

Task & responsibilities: Create new components for frontend stack – create RestFul api services, ensure compliance and security of data.
Integrate test and bug fixes, report and documented project.

Key activities:

- Designed and developed a user interface
- Designed and implemented server side logic using Java Spring (RESTFul)
- Debug testing and bug identification using Unit Test Jasmine (KARMA)
- Ensure compliance and security of data

Tools and methodologies:

- React - React Native - Expo - Expo router
- Java / Spring / Spring Data - JPA / Spring Batch
- Maven
- PostgreSQL
- Bitbucket / GitLab / Azure DevOps
- Typescript / Java
- Postman

01/01/2020 – 01/12/2020 Milano, Italy

SOFTWARE DEVELOPER TRACE ONE

Assignment description: As a junior developer i supported the development team to build a software application aimed to perform the business core. I collaborated with a senior developer that introduced me in software backend development stack, databases, logic business concepts and fundamentals of coding.

Tasks & responsibilities: I tracked and resolved bugs and incidents on development environment to allow continuous integration in production environment. I ran unit test on the code to find errors and reduce complexity of the code. Daily review with senior team and delivery of the assigned tasks.

Tools and methodologies:

- ASP.NET MVC
- Angular
- Entity framework
- Sql server
- Html - Bootstrap 4
- tools: MySql workbench and phpMyAdmin

Learning on the job

EDUCATION AND TRAINING

01/09/2014 – 01/06/2019 Milano, Italy
DIPLOMA INFORMATION TECHNOLOGY CS ITIS Luigi Galvani

Address Via Francesco Gatti 14, Milano, Italy

01/10/2019 Milano, Italy
COMPUTER SCIENCE Politecnico di Milano

Address Via Festa Del Perdono 7, Milano, Italy

LANGUAGE SKILLS

Mother tongue(s): ITALIAN | SPAGNOLO

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

CURRENT
Projects

Link <https://github.com/Giacomop19>

Lugano, Switzerland , 17/02/2025

Giacomo Mattia
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