VALERIO JIANG

SOFTWARE ENGINEER

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📍 Via Napoli 11, Mirandola (Modena), 41037, Italy

🛂 Italian citizenship

in www.linkedin.com/in/valerio-jiang-701314a9

PERSONAL PROJECTS

MGRS-Android-Lam
https://github.com/ValerioJiang/MGRS-Android-Lam

Android project using smartphone to trace LTE, WiFi and Noise and show it on Google maps with MGRS;

NoloNolo
https://github.com/smrss/TechWeb_NoloNolo/tree/main

Lead developer in a Full stack project developed with another team member to create a rent platform, used Angular framework for frontend, Spring for backend with Spring security module for authentication and JWT token generation;

Ebiblio
https://github.com/ValerioJiang/Ebiblio_Progetto

Lead developer in a Full stack project developed using XAMP with another team member to create a ERP to manage a library system;

EDUCATION

BACHELOR IN INFORMATION SCIENCE FOR MANAGEMENT

University of Bologna
September/2018-October-2023

Thesis in integration aws sqs within my company Aimag SpA

Business, Accounting and Marketing Technical High School Diploma

ITES J.Barozzi
2012-2017

LANGUAGES

English:
IELTS Certification ID:A3-IT010-S-6032337
Overall:7.5;

Italian: Mother tongue;

Chinese: Basic language level overall;

PERSONAL PROFILE SUMMARY

Software engineer with strong background in Java and Angular, worked in agile contexts, developed experience in system requirements gathering, design and implementation of application at an enterprise level, with a focus on making them easier to integrate with other systems

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WORK EXPERIENCE

Integration specialist

Aimag SpA   11/2022-now

- Analyzed feasible tasks provided by staff from various departments that can be automated;
- Developed Java scripts for ETL procedures;
- Designed and implemented RPA solutions utilizing Mulesoft;
- Integrated current Mulesoft microservice architecture with AWS SQS to establish an async and event-driven architecture;
- Integrated Json Logger for better logging management;
- Integrated Salesforce connectors to optimize queries and integration towards it;
- Integrated Spring Auth to implement basic auth;
- Integrated SAP Connectors with RFC;
- Made a functional poc with Apache Spark and Apache Airflow for alternative cheaper ETL Solutions to optimize budget spending;
- Developed a functional poc to integrate CI/CD practices in current systems, with Maven as dependency manager, gitlab runners and nexus repository as artifact repository;
- Achieved MCD Level 1;

Backend developer   06/2022-11/2022

Imola Informatica SpA

- Designed APIs adopting an API-First approach using Swagger and OpenAPI 2.0;
- Developed APIs using Spring Boot and Java, with service-oriented architecture;
- Developed unit tests using JUnit;
- Developed Integration tests using JUnit and deploying in an external server the application jar in a container using Docker;
- Used Spring Data JPA to make standardized calls to our data source and make it vendor-independent;
- Team designed entities and their relationships;

Full-stack developer

BearIT Srl   09/2021-06/2022

- Developed and implemented Angular and Spring-based solutions for our clients;
- Integrating our Spring backend with PHP scripts running on on-premise servers (IBM AS/400);
- Trained new team members and facilitated their on-boarding with pair programming sessions;