



Software engineer who loves writing code for work and for fun; eager to learn and strongly passionate about the IT world, always looking for opportunities to enhance my technical skills. Fiction writer, oboist and travel photographer in my free time.

WORK EXPERIENCE

Resourcify GmbH, Hamburg (remote) – Software Engineer

Europe's #1 platform for intelligent and sustainable waste and recyclables management.

2022 – present

Java Angular

BJSS Ltd., Manchester (remote) – Software Engineer

Technology consultancy company. All the work is done remotely and based on stand-alone projects, providing opportunities to work with several clients and various programming languages and stacks.
Main developer responsible for the implementation of the new cookie banner on the client's EU sites (9 domains).
Support developer/tester for the Platform team to create a containerised version of the web-app.

2020 – 2022

Angular PHP Drupal GTM Jenkins AWS

Booking.com Transport, Manchester – Graduate Software Engineer

2018 – 2020

Team rotation every six months:

- Migration of legacy pricing engine to a modern Spring API, as part of the restructuring towards microservices.
- Management of the platform that communicates with the supplier APIs and automates the reservation process.
- Maintenance of the Payment page of Rentalcars.com and the Sanction Screening process tool.
- Development and scaling of the new "Premium" insurance product.
- Web-replatforming: development of various filters for the Rentalcars results page and of the "Premium" and "Full Insurance" upsell banners, using React and integrating the components into the main webapp.

General activities:

- Use of Agile principles, such as pair programming and testing, code reviews, daily stand-ups and retrospectives.
- Interviewing students who applied for the company's graduate scheme.
- Implementation of WFH techniques to help team productivity, communication and health during Covid-19.

Java SpringBoot JSP JavaScript React PHP MySQL Bamboo GoCD AWS

Free University of Bozen-Bolzano – Research Assistant

2017 – 2018

Collaboration in writing an article for IEEE about contracts and policies of cloud services, following the changes introduced by the new European law on data protection (GDPR).

Cloud Technologies SaaS GDPR

ICT-Group, Reggio Emilia (Italy) – Frontend developer

2016 – 2017

300-hours curricular internship, leading to a 5-months part-time contract.

Development of a customised HRMS, a web application to manage holidays, sick leaves and business travel requests, for the use of employees and HR staff.

JavaScript AngularJS HTML CSS Bootstrap jQuery NodeJS MongoDB

PROJECTS

Raspberry Pi dashboard: set of customised dashboards (weather, air quality, Covid19 cases, stocks, alerts from projects...) to be displayed on a screen and powered by a Raspberry Pi. 2021

Italian Fiscal Code: Android app to compute the Italian tax code, extract user's details and verify correctness; published on the Play Store with 25000+ downloads. 2020

Twitch notifier: simple customisable cron server that sends a notification (Slack, Discord) when a followed Twitch streamer goes live.

BitBar plugin: display build & deployment statuses of preferred Bamboo branches; contribution to the open-source BitBar project. 2019

MSc dissertation: automated grading methods for students' programming assignments. 2018

GESS hackathon (Shanghai): Global Entrepreneurship Summer School on Food and Sustainability.

"Silicon Valley Study Tour": organised tour of the major companies in the SF Bay area for the most talented Italian students. 2017

BSc dissertation: research on exploiting Self-Admitted Technical Debt for updating / reverting code versions in a context of emergent events in Systems of Systems.

Google "Inside Look": workshop on Cloud technologies at Google Warsaw for CompSci students graduating in 2017 (invitation via selective contest, fully funded). 2016

EDUCATION

University of Manchester

MSc in Advanced Computer Science
2017 – 2018 Distinction

Free University of Bolzano (Italy)

BSc in Computer Science
2014 – 2017 106/110

College of Charleston (USA)

Exchange Semester
2015 GPA 4.0

PROGRAMMING LANGUAGES

Java ★★★★★
Python ★★★★★
JavaScript ★★★★★
Kotlin ★★★★★
C# ★★★★★
PHP ★★★★★

SKILLS

Frontend: React, Angular, jQuery, HTML, CSS, SCSS, Bootstrap

Backend: Spring, JSP, Django, Flask, ASP.NET, Express, NodeJS, Drupal

Mobile: Java & Kotlin for Android

Database: MySQL, Postgres, MongoDB, Firestore

Testing: JUnit, Mockito, Cucumber, PACT, Jest, Espresso

Cloud & DevOps: Docker, AWS, GCP, Heroku, Google Tag Manager.

LANGUAGES

Italian Native
English Fluent (C2)
German Intermediate (B2)

INTERESTS & ACTIVITIES

Working on personal tech & dev projects, following courses and talks to deepen my technical skills.

Photography, video editing, computer graphics, videogames.

Reading novels and essays, technical and creative writing.

(solo) travelling.

Classical music, theatre, museums

