MARTA PANCALDI

Full-Stack Software Engineer

I'm a computer science graduate who loves writing code for work and for fun.
I love solving problems and have a strong desire to learn and continuously improve my skills.
Fiction writer, oboist, philosophy-enthusiast and travel photographer in my free time.
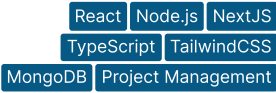
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WORK EXPERIENCE

Jan 2024 – Present
Full-Stack Engineer

Appetize.io - USA (Remote)

The team at Appetize.io has developed a SaaS to stream iOS and Android apps in the browser, also providing tools for automated testing, shareable live app previews and customer support.

- I've been involved in the development of the V2 iteration of our web application, focusing on enhancing UI elements and integrating new features with existing API endpoints.
- I've been managing the redesign of our marketing website from the technical side, leading a team of web developers and overseeing their contributions to the site's design and functionality. Additionally, I played a hands-on role in implementing, reviewing and releasing key features.

`React` `Node.js` `NextJS` `TypeScript` `TailwindCSS` `MongoDB` `Project Management`

Mar 2022 – Jan 2024
Full-Stack Engineer

Resourcify GmbH – Hamburg (Remote)

Full-stack work involving development of greenfield tools and maintenance of legacy components, covering a diverse range of projects and technologies, adapting to new challenges and delivering quality results.

- My career started in the Recycler API/Platform Core team, where I honed my skills in building robust and scalable applications.
- Later, I joined the Accounting Squad, where I took a leading role in developing a new accounting platform for internal and client use. I approached this project with a focus on user experience, performance, and maintainability, resulting in a successful product launch. In close collaboration with the Accounting Ops, I actively sought feedback to continuously improve the functionality of the platform, ensuring it met their specific needs.
- I scaled the application to serve a growing number of clients and their orders and invoices, and I ensured that the application could handle larger volumes of data with minimal latency, resulting in faster processing and improved overall system performance.

`Java` `Spring Boot` `Angular` `TypeScript` `MySQL` `Docker` `Kubernetes` `AWS`

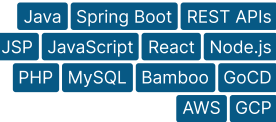Nov 2020 – Feb 2022
Software Developer

BJSS Ltd – Manchester (Remote)

A technology consultancy company that provides work opportunities on standalone projects, using a variety of programming languages and stacks.

- During my time at BJSS, I focused on the maintenance of a client's eCommerce webapp, where I implemented small changes across the entire user journey, from product search to purchase and payment.
- I also took on the responsibility of implementing the new cookie banner on the client's EU sites, which involved working on 9 domains.
- I supported the Platform team as a developer and tester in creating a containerized version of the application.

`PHP` `Drupal` `Angular` `Vue` `Jenkins` `Azure` `AWS` `Google Tag Manager`

Sep 2018 – Nov 2020
Graduate Software Engineer

Booking.com Transport – Manchester

I joined the Graduate scheme, involving a team rotation every 6 months – a unique opportunity to gain expertise across the various services within the company.
Some backend projects involved:

- the migration of the legacy Pricing Engine to a modern Spring API as part of restructuring towards microservices architecture.
- the improvement of the platform that communicates with supplier APIs and manages the automated reservation process.

In the frontend area:

- I maintained the Payment page of Rentalcars.com and Sanction Screening tool, in compliance with industry standards.
- I contributed to the development and scaling of the new "Premium" insurance product, driving revenue growth starting from a few small airports, then expanding the market presence to several popular holiday destinations.
- and contributed to web-replatforming efforts, developing various filters for the Rentalcars results page and creating "Premium" and "Full Insurance" upsell banners using React, seamlessly integrating them into the main webapp.

I also conducted interviews for the company's graduate scheme, identifying top talent to join the team, and helped implementing WFH techniques during Covid-19, enhancing productivity, communication and overall well-being.

`Java` `Spring Boot` `REST APIs` `JSP` `JavaScript` `React` `Node.js` `PHP` `MySQL` `Bamboo` `GoCD` `AWS` `GCP`

Sep 2017 – Mar 2018
Research Assistant

Free University of Bolzano – Manchester (Remote)

Collaboration in writing an article for IEEE about contracts and policies of cloud services, to give companies guidance on how to be compliant following the changes introduced by the new European law on data protection (GDPR).
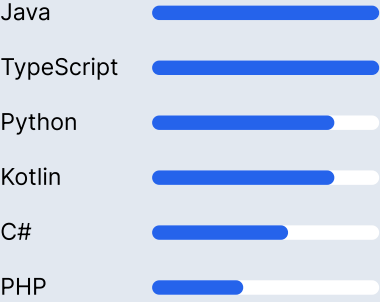
`Cloud` `SaaS` `GDPR`

EDUCATION

University of Manchester (UK)
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   4.0 GPA

PROGRAMMING

Java
TypeScript
Python
Kotlin
C#
PHP

SKILLS

Frontend: React, Angular, Vue, jQuery, HTML, CSS, Bootstrap, TailwindCSS, MaterialUI, Prime

Backend: Spring Boot, JSP, Django, Flask, ASP.NET, Node.js, Express, Drupal

Database: MySQL, Postgres, MongoDB, MS SQL Server, Firestore

Testing: TDD, BDD, Junit, Mockito, Cucumber, Selenium, PACT, Jest, Espresso

Cloud: AWS, GCP, Firebase, Heroku

DevOps: Docker, Kubernetes, Jenkins

LANGUAGES

Italian   Native

English   Fluent (C2)

German   Intermediate (B1-B2)

French   Beginner (A1-A2)

AWARDS & ACHIEVEMENTS

2016, UniBZ
Scholarship for Honours Students