

Daniele Bolla

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Summary

I am a **Web Developer** with a strong focus in **Frontend** and passionate about crafting accessible and neat Web applications.

My skill set revolves around **Javascript**, **Typescript**, **HTML**, and **CSS**.

Lastly, I've been primarily working with **Vue.js**, but I am proficient in **Angular** and **React** as well.

In addition to front-end development, I have experience on the **Backend** with **Node**, **PHP**, **MongoDB**, and **MySQL**.

As an **undergraduate student pursuing a degree in Mathematics at FernUni Schweiz - Unidistance.ch**, I bring a mathematical perspective to problem-solving and code optimization.

My passion for continuous learning is evident in my daily routine, which includes reading numerous articles on topics such as **Functional Programming** and **Haskell**.

In my free time, I enjoy activities such as hiking in nature, bouldering, canoeing, and sometimes playing the guitar and doing sound design.

Work Experience

[Pixelfield](#) (**Front End Developer**) 2024 / Present

Working as Front end developer for different projects Using **React\Vue** and **Typescript**

[Vivid IoV Labs](#) (**Full Stack (Front End Heavy) Developer**)
2021 / 2024

I've been involved in different projects as a contractor:

XRPL Blockchain: (<https://www.peerkat.com>.)

Using **Vue.js** (**Typescript/Vite**) **TailwindCss** and **Chart.js**.

I've integrated **Amazon Lambda with Node.js** functions (**AWS SAM**) for different scopes like sending emails.

XRPL NFT Viewer App: (<https://xumm.app/detect/xapp:peerkat.viewer>)

A decentralized application (**DApp**) built on the <https://xumm.app/> ecosystem, enabling users to explore and view non-fungible tokens (NFTs) on the XRP Ledger. Developed using **Vue.js** with **TypeScript** and **Vit**, styled with **TailwindCSS**, and employing **Vitest** for unit testing.

Minting and Creating NFTs:

Web app made in **Nuxt 2** to create and mint XRPL NFTs..

I've integrated **Amazon Lambda** functions (**AWS SAM**) to send email notifications and upload files.

Tests made using **Cypress** and **Vitest**.

Web Monetization:

Worked on a simple **open-source library** for integrating **Web Monetization** and Video ads as a fallback: (<https://github.com/Vivid-IOV-Labs/web-monetization-video-ads>)

Created a **Firefox/Chrome Extension** using **Typescript** and **Webpack**.

Created an Expo Website Using **Nuxt 2** ([video of the project](#)).

ThunderCore EVM Blockchain: (<https://github.com/Vivid-IOV-Labs/vivid-app-tt>)

Built a live streaming application leveraging **Web 3** technologies .

I used **React** and **Onsen UI**, implementing new components and pages, in a mobile-first approach, using **PWA** technology.

The client application uses a combination of **WebRTC**, **Ant Media Server**, and **HLS Videos** for streaming content and **Plyr** to manage video elements at a more advanced level.

For each project i have been also working on the back end with **Node.js**, specifically **Sails.js** and **Express.js** with **MongoDB** as database.

EquipmentConnect (now [Equipal](#)) (FullStack Developer) 2019 / 2020

EquipmentConnect is a **FinTech StartUp** committed to accelerate and renovate the Assets Finance process for SMEs requesting an Equipment and Vendors providing it.

With the EC App, all the Finance Request workflow is automated and centralised; including **document creation**, **signatures**, **multi factor authentication**, **notifications**, **credit analysis** for Funders, **finance request estimator** for SME and **equipment management** for Vendors.

The platform is continuously evolving with new features.

I was working as a **FullStack** developer with **Vue.js** and **Laravel/MySQL**.

I've been refactoring the platform with new workflows, optimising code (**Webpack**), enriching it with new features and testing with **Cypress** and **Jest**.

MiaPlatorm (**Front End Developer**) 2015 / 2018

Mia Platform is driven by **Omnichannel** philosophy and aims to centralise and accelerate the customer system thanks to a **BaaS** made from **Node** and **MongoDB**.

The main platform application is made from **React**, **Angular**, **Webpack**, used by the customer for displaying, editing and analysing data. (Tables, Cards, Charts).

Worked on custom web apps, like <https://www.foorban.com> (**Angular**, **Rxjs**, **Typescript**, **Webpack**), a digital restaurant in Milan.

In developing foorban.com, I applied some **Back-End For Front-End** practice, with **Node** and **Mongo** and also developed some custom themes for **managing orders** and **tracking vehicles**.

The work-flow of Mia platform is lead by **Agile** methodologies, shaped by their continuously evolving Git-flow and optimised by DevOps (**Jenkins**), Linting and Testing (**Karma**, **Mocha**, **Selenium**, **Jasmine**).

The team was cohesive, and we were actively engaging in **code reviews**, **sharing** new ideas and **best practices**. Additionally, I have been **mentoring** a junior developer to ensure he is following the standards.

Ivan Gobetti Real Estate Stresa (Web Developer) 2014 / 2015

Websites Management focus on **SEO** and Social Marketing **Wordpress**, **CSS**, **Html**, **Jquery**, **Google Manager**, **Google ADV**, **Facebook ADV**, **WP Advanced Custom Field**, **Headless Wp**

Warning Studio / 2011 / 2014

Building websites: Coding and Graphics works with **PHP**, **WordPress**, **Html**, **CSS**, **Javascript**, **Jquery**, **Photoshop**, **Illustrator**, **SEO**.

I started my career at **Warning Studio**, working with **CSS**, and **Javascript** with the help of Libraries / Frameworks such as **Jquery**, **Blueprint**, **Bootstrap**.

I was maintaining the **CMS** application of the agency made from **Php** and **Mysql** on the server-side.

Jamarea (Web Developer 2011)

At **Jamarea** I've been working with **WordPress**; customising themes, learning WP best practices.

Magazzino 27 (Web Developer Intern 2011)

In **Magazzino 27** I worked as a Web developer, with **Html** and **Css**.

Education

Bachelor in Mathematics FernUni Unidistance.ch (September 2021/present)

Sound design course at [SAE institute](#) in London (November 2019/ April 2020)

Web Development Courses / Internship CFP Verbania Web Developer/ IFTS Web Developer Polytechnic University of Turin (2011/2012)

Scientific High School Graduation Liceo Scientifico Piero Gobetti Omegna (2005 September 2010 August)

Skills

Front End

Html and CSS (12 years), Javascript / 10 years (Vuejs / 5 years, Angularjs / 3 years , React / 4 year), Typescript / 4 years

Back end

Node (Express) / 3 year Php (Wordpress / 4 years - Laravel / 2 years), Mysql / 3 years, MongoDB / 2 year

Flow

Ubuntu, Aws , Agile, Git, DevOps, Testing, Lamp / 7 years

Personality

- I am an eternal learner;
- I read loads of articles a day about front-end, coding and maths.
- I like to work in a multicultural environment where I can enrich myself and be open to new ideas.
- I have passion for my job and I like to give my opinions about it.
- I know how to organise myself and I am always looking for new and useful tools to optimise my routine.
- I work with Agile methodologies that help me structure my mind and time with a project overview.
- I enjoy interacting with my colleagues to gain greater awareness of my work and personal growth