



Giovanni Ravalico

Full Stack Web Developer

I am a Software Developer, a geek and more generally a problem solver. I am also a young father of two and a committed husband. My transition from the social sciences to software engineering has enhanced my innate curiosity, my pragmatic approach, and desire to find new ways to solve old problems. I'm looking to work in an environment where I can continuously grow as a developer, where experimentation is encouraged and where I can tackle the hardest problems.

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EXPERIENCE

Senior Frontend Engineer

ToolTime GmbH

09/2019 – 02/2020

Berlin, Germany

A software-as-a-service solution that helps craftsmen tackle all administrative tasks of their business.

Achievements/Tasks

- Design, build, scale and maintain ToolTime's software solutions (Frontend: Typescript, React and React Native, GraphQL)
- Help shaping the technical areas of the product
- Work closely with product managers, product designers, frontend and backend engineers
- Help to grow and develop the front-end team, playing a role in the process of hiring new team members
- Foster a culture of continuous delivery and test-driven development
- Solving challenging problems in the areas of: communication & chat, scheduling & disposition, routing & navigation, order management and documentation
- Tech: [Typescript, React and React Native, CSS-in-JS, GraphQL]

Full Stack Web Developer

Appico GmbH

01/2018 – 02/2019

Hamburg, Germany

Digital Product Design Studio

From Jan 2018 to Dec 2018 I worked on Carie™. A two-dimensional telemedicine platform that enables doctors to interact with patients and other doctors remotely by scheduling appointments, and allows messaging, video consultation, online medication prescription, and file sharing.

- Architected of the front-end as a Progressive Single Page App built with React, Redux, and Apollo (GraphQL client) to enable a resilient user experience.
- Lead the front-end team (a small group of talents)
- Managed project tasks and issues by delegating them to the most effective developer and thus increasing team efficiency.
- Motivated my team to enforce type safety by teaching "Flow" and thus reducing the number of bug reports.
- Introduced "component driven development" company-wide by coaching the designer team. The adoption of this practice and 'Storybook' lead to a more streamlined development process.
- Delivered and maintained the MVP since Oct 2018.
- Studied React Native by implementing several in house app prototypes. By sharing this knowledge the company was able to offer a new service to its customers. (since Jan 2019)
- Develop a boilerplate project setup based on company requirements and best practices which allowed to reduce the time needed to go from idea to prototype.
- Tech: [ESNext, TypeScript, Flow, React, React Native, Redux, Storybook, Apollo, GraphQL, styled-components, Lottie, Jest, Twilio, AWS IoT, Serverless, Node, AWS Lambda, Docker]

PROGRAMMING LANGUAGES

TypeScript

JavaScript (ES5 => ESNext)

Flow

GraphQL

TECHNICAL SKILLS

Front-end

HTML, Canvas, CSS, SCSS, React, React Native, Redux, Apollo, Storybook, Polymer,

Back-end

Node, Next.js, Express, Sails.js, Keystone.js, Handlebars.

Libraries

Jest, Lodash, Lodash/fp, Ramda, Jest, Three.js, Peer.Js (webRTC), Socket.io, CssInJs (Styled Components).

Databases

PostgreSQL, Waterline, Redis, Firebase Realtime Database

Concepts

Source Control, GitFlow branching model, Functional Programming paradigm, Test and Behaviour Driven Development (TDD), Component-Driven Development, Clean Code Principles: (KISS, DRY, YAGNI, Composition over inheritance, SOLID)

PROJECTS

github.com/suddenlyGiovanni

EDUCATION

Full Stack Web Development

SPICED Academy

06/2017 – 09/2017

12 weeks Intensive Full Stack Web Development Coding Boot Camp

- Graduated from the program in Sep. 2017 by logging 1100+ hours of coding time.
- Developed various web application including 'Petition,' 'Imageboard,' 'Social Network,' 'P2P Chat' (Final Project - one-week coding challenge).
- Tech: [JavaScript, Node, SQL, React, Redux, Express, Backbone]

EXPERIENCE

Front-end Web Developer

MadeByEnka

10/2016 – 06/2017

Rijeka, Croatia

Co-founded and managed a Lifestyle brand with my wife.

- Designed, developed and implemented the brand online presence by building the frontend on top of Shopify service
- Tech: [JavaScript, HTML, CSS, JQuery, Shopify]

Front-end Web Developer

Ravalico Real Estate

10/2015 – 10/2016

Trieste, Italy

Real Estate Agency

Helped the company in its modernization process and to pivot its business model from Brick and Mortar to an online first presence.

- Architected, designed, and code multiple iterations of an in-house real estate CMS web app.
- Tech: [JavaScript, HTML, CSS, WebComponents, Polymer, Firebase, Sails.js]

SELF-STUDIES

Programming

- Functional Thinking (O'Reilly, N. Ford)
- Functional-Light JavaScript (O'Reilly, K. Simpson)
- Functional Javascript (O'Reilly, M. Fogus)
- Learning JavaScript Design Patterns (O'Reilly, A. Osmani)
- Refactoring JavaScript (O'Reilly, E. Burchard)
- Rethinking Asynchronous JavaScript (Frontend Masters, K. Simpson)

JavaScript

- JavaScript: Understanding the Weird Parts (Udemy, A. Alicea)
- You Don't Know JS (O'Reilly, K. Simpson)
- Deep JavaScript Foundations, v3 (Frontend Masters, K. Simpson)
- JavaScript: The Recent Parts (Frontend Masters, K. Simpson)
- Eloquent JavaScript (No scratch press, M. Haverbeke)
- JavaScript: The Good Parts (O'Reilly, D. Crockford)

TypeScript

- TypeScript Deep Dive (Samurai Media Limited, B. A. Syed)
- Introduction to TypeScript (Udemy, D. Stern)
- TypeScript 3 Fundamentals, v2 (Frontend Masters, M. North)
- Use Types Effectively in TypeScript (Egghead, A. Picker)

Node

- Learn and Understand NodeJS (Udemy, A. Alicea)

React / React Native

- React In Depth (Development Arc)
- React - Mastering Test Driven Development (Udemy, D. J. Katz)
- React Native - The Practical Guide (Udemy, M. Schwarzmüller)

Redux

- Thinking in Redux (leanpub, N.Kaufman)
- Modern React with Redux (Udemy, S. Grider)

GraphQL

- GraphQL with React: The Complete Developers Guide (Udemy, S. Grider)

EDUCATION

Disciplined Entrepreneurship

Innovation Factory

04/2015 – 05/2015

12 weeks Intensive Business Boot Camp in Disciplined Entrepreneurship

- Graduated from the program in July 2015.
- Learned how to transform innovative business ideas into real products and services.
- Applied innovation-driven entrepreneurship process to develop a B2B startup in the real estate industry.

History

Università degli studi di Trieste

2011

Courses

- Completed 90% of required credits toward Bachelor of Arts in Modern History

INTERESTS

Besides trying my best to be a good father (and sometimes fail at it), late at night, when the kids sleep, I enjoy learning about “functional programming.”

Short term goal: to apply “functional programming” to TypeScript.

Medium term goal: to learn ReasonML, Clojure

Long term goal: to learn Haskell

LANGUAGES

English

Full Professional Proficiency

Italian

Native or Bilingual Proficiency