

Marco Fernández Pranno

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Skills

- Proficient in Javascript and Ruby.
- Worked with GraphQL, React.js, Node.js, Redux, Flow, Rails, Websockets, microservices and Git.
- Experience in Java, Python, C++ and Go.
- Proficient in web development, data structures and algorithms.
- Knowledge of cryptography, secure communication protocols, network architecture, server administration and security.
- Speaks English (Proficient, First Certificate), Spanish (Native) and Catalan (Native).

Experience

Software Engineer, R3PI (R&D branch of Solera Inc.)

Zürich, Switzerland — Aug. 2017 - Present

Design and development of web applications on innovative projects as part of the high performance team in Solera.

Technologies: React.js, Redux, GraphQL, Node.js, Microservices.

Software Engineer, Vandebron (Renewable Energy Marketplace)

Amsterdam, Netherlands — Mar. 2017 - Aug. 2017

Developing software solutions from the ground-up, maintaining the existing codebase and migrating those systems to modern technologies. Worked on both consumer oriented products and applications used internally, such as: management dashboard for energy producers and electric vehicles owners, employee management platform and a renewable energy marketplace.

Technologies: React.js, Redux, Node.js, MongoDB, Ruby on Rails, PostgreSQL, Microservices.

Software Developer, Bi4Group

Granada, Spain — Jan. 2016 - Feb. 2017

Six months as part of the Talentum Startups Scholarship granted by Telefonica.

First month as training period building a web application with login and data management functionality.

From that point onwards, worked on building a large B2B application (+500k users) from scratch as a full time developer. Implemented real time events and bidirectional communication between clients and server.

Technologies: Ruby on Rails, Websockets, React.js.

Entrepreneurial Initiative Course - School of Industrial Organization

Granada, Spain — 2015

Personal Projects

- [Synapse](#) (Bachelor's thesis - 9.62/10): Messaging system combining Signal protocol and Tor. Server, desktop and mobile clients using Node, Electron, React, React Native, Socket.io and Redux.

Studies

Master in Cybersecurity

Catholic University of Murcia (2017 - 2018)

Bachelor in Computer Science, Information Technologies

University of Granada (2012 - 2017)

