Marco Fernández Pranno

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Skills

- Proficient in Javascript and Typescript.
- Highly experienced in React, Node, Express, GraphQL, Redux, Flow, Rails, Websockets, microservices and Git.
- Experienced in Go, Java, Python and Ruby.
- Knowledge of cryptography, blockchain, secure communication protocols, network architecture, server administration and security.
- Speaks English, Spanish and Catalan.

Experience

Software Engineer, Orca AG
Zürich, Switzerland — Feb. 2019 - May 2019

Working in a small team of senior engineers on a wealth and legacy management solution, following high standards of code quality and security.
Technologies: Typescript, React, Mobx, Mobx-state-tree, Node, MySQL, Blockchain.

Software Engineer, R3PI (R&D branch of Solera Inc.)
Zürich, Switzerland — Aug. 2017 - Feb. 2019

Design and development of web applications on innovative projects as part of the high performance team in Solera.
Technologies: React, Redux, GraphQL, Node, Microservices.

Software Engineer, Vandebron (Renewable Energy Marketplace)
Amsterdam, Netherlands — Mar. 2017 - Aug. 2017

Maintaining the existing codebase, migrating those systems to modern technologies and bootstrapping greenfield projects. 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, Redux, Node, MongoDB, Ruby on Rails, PostgreSQL, Microservices.

Software Developer, Bi4Group
Granada, Spain — Jan. 2016 - Feb. 2017

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.

Personal Projects

- **Lunarbase**: Automated cryptocurrency trading service and market monitor. Built with Golang, Redis and MongoDB. Front-end with Typescript, React, MobX and SocketIO.
- **OpenLab:** Platform to connect research laboratories to share equipment, techniques and expertise.
- Nekonata (Master's thesis - 10/10): Anonymous browsing service paid by an anonymous cryptocurrency.
- Synapse (Bachelor's thesis - 9.62/10): Messaging system combining Signal protocol and Tor.

Studies

MSc Cyber Security - Catholic University of Murcia (2017 - 2018)
BSc Computer Science, Information Technologies - University of Granada (2012 - 2017)