

# Felipe Fontana

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## Summary

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Software Engineer with 3+ years of experience building scalable web and mobile applications. Specialized in full-stack development with the React ecosystem (React, Next.js, React Native) and Java Spring Boot. Proven track record of delivering high-impact solutions including cross-platform banking apps, e-wallet platforms, and enterprise API migrations. Passionate about continuous learning, code quality, and innovative problem-solving.

## Experience

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**Software Engineer**, Magenta Innova – Uruguay

Aug 2022 – present

- BBVA Uruguay API Migration: Executed pre-migration tasks for ~48 APIs, improving test coverage from 20% to 85%+ on newest endpoints using JUnit and Mockito within a team of 10 engineers.
- Resolved linting issues in legacy code and ensured reliable deployments through CI/CD pipelines with Jenkins, OpenShift, and SonarQube.
- MiniPay (E-Wallet Application): Led full-stack development of an internal e-wallet platform, managing database architecture with Supabase, implementing authentication with NextAuth, and building the backend alongside a junior colleague in a team of 4.
- Technologies: Next.js, Supabase, NextAuth, React Query, Figma for UI design.
- E-Banking Mobile App: Contributed to all aspects of a cross-platform mobile banking application for iOS and Android, integrating biometric authentication, push notifications, API consumption, and JWT-based security.
- Worked within the React Native ecosystem delivering user-focused solutions in a team of 4 over 1.5 years.

## Education

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**Hack Academy**, in Full-Stack Web Development – Uruguay

2022 – 2022

- Full-time intensive program with 600+ hours of hands-on training.
- Core technologies: JavaScript (ES6+), Node.js, React, MySQL, and MongoDB.

**UTU - Escuela Técnica Superior**, in Information Technology (Web Technologies Focus) – Young, Uruguay

2019 – 2021

- Final Project: Led development of a web application for managing rentals at a local sports complex using Express.js, Handlebars, and MySQL. Responsibilities included client meetings, Gantt-based project planning, and leading the development team.
- IoT Project: Built a smart food cooler capable of autonomously tracking its owner using Arduino, high-precision GPS, compass modules, Bluetooth connectivity, and motor controllers.
- Foundational training in Arduino, Raspberry Pi, relational databases, Node.js, JWT, SQL, HTML5, JavaScript, and AJAX.

## Skills

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**Frontend:** React, Next.js, React Native, Expo, Astro, HTML5, CSS3, Figma

**Backend:** Node.js, Express.js, Java Spring Boot, REST APIs

**Databases:** MySQL, MongoDB, Supabase, PostgreSQL

**DevOps & Tools:** Git, Jenkins, OpenShift, SonarQube, Docker

**Other:** Arduino, Unity (C#), JWT Authentication, Agile/Scrum

## **Certifications**

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**Cloud Computing**

**Digital Skills for Professionals**

## **Languages**

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**Spanish:** Native

**English:** Intermediate (B1)