Rodrigo Manuel Navarro Lajous

Buenos Aires, Argentina | rodrigolajous@gmail.com | linkedin.com/in/rodrigo-lajous | github.com/rlajous

ABOUT

My insatiable thirst for knowledge, coupled with my adaptability honed in Argentina, a country where rules change daily, has led me to explore and master topics like Blockchain and Zero Knowledge. The concept of a decentralized platform and the ability to protect sensitive information have always fascinated me. When I discovered Aztec, a field that encompasses both these topics, I knew I had found my niche.

EDUCATION

Instituto Tecnológico de Buenos Aires (ITBA) — Buenos Aires, Argentina
Master of Software Engineering — *Jul. 2015 – Jul. 2023*
- Completed Bachelor's degree in Software Engineering.
- **Relevant Courses:** Cryptography, Blockchain, Distributed Systems.

Fachhochschule Technikum Wien — Vienna, Austria
Master of Science in Engineering (MSc) — *Feb. 2022 – Jul. 2023*
- **Specialization:** Software Engineering.
- **Thesis:** Zero-Knowledge Proof of owning a Non-Fungible Token (NFT) on the blockchain.
- **Leveraged Knowledge:** Cryptography, zkSNARKs, Blockchain Technologies.

EXPERIENCE

Senior Software Engineer — May 2021 – Present
POAP — *Remote*
- Migrated the entire architecture to AWS CloudFormation, implementing CI/CD pipelines that streamlined deployments and enhanced the scalability and reliability of the system.
- Created and published POAP.js, an open-source library that streamlined integration with our ecosystem, becoming a key internal tool and significantly improving developer efficiency.
- Implemented Freeze Token functionality on the Upgradable POAP Smart Contract, enhancing token migration security.
- Improved development time by implementing an internal tooling for deploying all our services to multiples Api Gateways.
- **Leveraged Knowledge:** AWS, CloudFormation, CI/CD, Solidity, TypeScript, HardHat, Jest, Blockcahin, Web3

Full Stack Developer — Apr. 2020 – May 2021
Quipu Market — *Remote*
- Implemented and delivered courses that improved new developers' ramp-up time, reducing training time by half.
- Created a public component library that accelerated development time by 30% across multiple projects.
- Designed and implemented CI/CD pipelines, streamlining deployment processes and improving code reliability.
- **Leveraged Knowledge:** CSS, Front-end Design Systems, JavaScript, Library Development, CI/CD.

Full Stack Developer — Oct. 2019 – Apr. 2020
Turismocity — *Buenos Aires, Argentina*
- Led the integration of proprietary and external APIs, improving data consistency and system reliability.
- Collaborated with stakeholders to ensure the API integration met business needs and user expectations.
- **Leveraged Knowledge:** API Development, Stakeholder Management, Front-end Design, System Integration.

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services
Feb. 2021 – Feb. 2024

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C/C++, Solidity, SQL, HTML/CSS
Frameworks: React, Node.js, Angular, Vue.js, Docker, AWS CloudFormation, AWS CDK
Developer Tools: Git, GitHub, CI/CD (GitHub Actions, CircleCI), VS Code, IntelliJ
Databases: MongoDB, DynamoDB, PostgreSQL
Testing Tools: Jest, Mocha, Chai, Cypress
Technologies: Web3, Blockchain, Zero-Knowledge Proofs (ZK), Cryptography, AWS, Docker