

Sebastian Rodriguez

Full-Stack Software Developer and aspiring Flutter Developer focused on overall user experience

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EXPERIENCE

Full-Stack Software Developer | **Umbrage Studios** Jun 2022 — Present

- Proposed, designed and built with a team of 8 and a new Mortgage acquisition proposal meant to facilitate investors obtaining & selling properties reducing total process time by 33% in comparison to a traditional flow.
- Enforced Auth0 implementation to authenticate and prevent 99% of authentication breaches and increase security by 17% through the implementation of **DAML** smart contracts.
- Implemented 20+ Front-end functionalities with **React** according to the design and business requirements, as well

PROJECTS

Internal Web Forum | **Wizeline** Feb 2022 — May 2022

- Redesignated a web forum application for Wizeline's 1,500+ employees and collaborated with a team of 5 to reduce unanswered and repeated questions which increased usability and improved user experience.
- Developed **React** Front-end composed of 27 different components and deployed on **AWS S3** bucket.
- Contributed to Back-end development and deployment on **AWS LightSail** and **GitHub** Actions for CI/CD.
- Produced 14 secure REST API endpoints using **NodeJS**, **ExpressJS**, **JWT** and **Sequelize**.
- Executed 27 unit tests using **Jest**, established 4 relational data models for **PostgreSQL** database following software requirements and wrote API documentation on **Swagger**.

Crypto Wallet | **Fonbnk** Apr 2022

- Created web app where users can visualize their crypto wallet and manage their balance in Ethereum as in to buy, sell. and/or transfer money between the average 450k+ users on the blockchain.
- Managed 14 **React** components to connect 4 **Express** endpoints and **MongoDB** database.

IT Web App Activation | **CEMEX** Feb 2021 — Jun 2021

- Developed with a team of 5 an on-boarding training web application for CEMEX GO IT area 50+ local employees. Applied gamification using Unity & C# to increase productivity by 27% and allow administrators to monitor the employees performance using SQL, Node, Express, and React.

EDUCATION

B.S. Computer Science and Technology | **Tecnológico de Monterrey, Campus Monterrey** Jun 2023

Relevant coursework: Data Structures & Algorithms, Full-stack Web Development & Artificial Intelligence.

Cumulative grade average: 95 / 100.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, C/C++, Python, Dart, Haskell, SQL

Libraries & Frameworks: Node, React, NextJS, Express, Axios, Flutter, DAML, GraphQL, Tailwind

Tools & Platforms: Git, Github, Postman, PostgreSQL, MongoDB, Firebase, AWS, Docker, Figma, Vercel, Netlify

LEADERSHIP / ACTIVITIES

Reforestation Mar 2018

- Managed documentation of 32 students to validate social service requirements.
- Led 50+ volunteers and planted over 50 trees resulting in a better environment within the community.

School Wall Paint Sep 2018

- Visited elementary school and painted 4 different murals to promote creativity and positivity.
- Painted 4 other floor games to promote a more exciting environment to learn in.