

Sebastian Rodriguez

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

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EXPERIENCE

Associate Crafter (Full-stack Software Engineer) | Umbrage · 2022 — Present

- Collaborated closely with clients to gather requirements and propose innovative features that aligned with their needs and goals.
- Implemented intricate data models within the application's database, enhancing the platform's scalability and flexibility.
- Engineered secure and high-performing endpoints for efficient data interaction, ensuring smooth user experiences.
- Designed intuitive and visually appealing user interfaces, contributing to a positive and engaging user journey.
- Utilized a diverse tech stack including React for frontend development, Node for backend logic, Nest for API development, TypeScript for type safety, Haskell for functional programming, and DAML for distributed applications.

PROJECTS

Personal Portfolio Website | Personal · 2023

- Checkout all the projects I've been involved in at: sebastianrdz.netlify.app/projects

Internal Web Forum | Wizeline · 2022

- Collaborated within a cross-functional team to overhaul an existing web forum application, elevating its usability and user experience.
- Utilized React for the frontend, deployed on AWS S3, and meticulously designed 14 REST API endpoints for seamless data communication.
- Engineered a NodeJS backend with ExpressJS, JWT for secure authentication, Sequelize for database management, and thoroughly tested the system with Jest unit tests.

Crypto Wallet App | Personal · 2022

- Designed and developed a comprehensive web app that empowers users to effectively manage their Ethereum crypto wallet.
- Successfully accommodated a substantial user base on the blockchain, offering secure and user-friendly crypto asset management.
- Created 14 distinct React components to interact with 4 Express endpoints, enabling seamless transactions, balance tracking, and portfolio management.

Onboarding Training App | CEMEX · 2021

- Pioneered the creation of a captivating onboarding training web application for the CEMEX GO IT department.
- Incorporated Unity and C# to introduce gamification elements, resulting in a remarkable 27% increase in employee productivity during the onboarding process.
- Empowered administrators to monitor employee progress through an intuitive dashboard, using a technology stack that included SQL for data management, Node for backend logic, Express for API development, and React for frontend presentation.

EDUCATION

Bachelors in Computer Science and Technology | Tecnologico de Monterrey · 2019 – 2023

Data Structures, Algorithms, Full-stack Web Development, and 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.