Bernardo Estrada

📍 Querétaro, Qro. México

Tec de Monterrey Student and Full-stack developer
4 years of experience

bernardoef 🔗
BernardoEstrada 🔗

Education

Tecnológico de Monterrey   Dec 2018 to Dec 2023
Engineer's degree, Computer Systems Engineering

Algebra University College   Jan 2023 to Feb 2023
International Study Program, Artificial Intelligence

Experience

Leadsales linkedin.com   Dec 2021 to Jul 2023
Full Stack Software Engineer Queretaro, Qro. Mexico

I played a significant role in full-stack development, proficiently handling both front-end and back-end tasks. I followed the Domain-Driven Design (DDD) architecture and adhered to CMMI practices, ensuring efficient project management.
In the back-end development phase, I primarily focused on microservices within a monorepo environment, leveraging the power of NestJs and NX frameworks. I skillfully utilized a range of cutting-edge technologies such as gRPC, WebSockets, and CQRS to develop robust and scalable solutions. I also built a data pipeline to implement analytics as a service using SQL, dbt, BigQuery, PostgreSQL and C++ for migrations.

Microsoft linkedin.com   Jun 2022 to Sep 2022
Software Engineer Intern Redmond, Washington, United States

Specialized in frontend development using React.

nibbio linkedin.com   Aug 2021 to Nov 2021
Robotic Process Automation Engineer

Worked with process automation using tools like BluePrism and JavaScript. Automated tasks that were previously done by hand in third party companies.

GE Aviation linkedin.com   Oct 2020 to Sep 2021
Digital Technology Intern Querétaro, Qro., México

Working with technologies like Angular, Ajax, TypeORM, Swagger, TypeScript, Redis, ElasticSearch and NodeJS, among others.

Projects

Home Automation

Python, C++, JavaScript, Networking, Arduino, HomeAssistant, Node, RaspberryPi, Electronics

Mynd
🔗 github.com/BernardoEstrada/Mynd

Swift, TypeScript, Kotlin, HTML, Objective-C, Ruby, Java, Dart

Skills: (TypeScript · Advanced) (React · Intermediate) (SQL · Advanced) (Docker · Intermediate) (Kubernetes · Beginner) (NestJS · Advanced)
(Database Management · Advanced) (Data Pipelines · Intermediate)

Volunteer

GAAP I.A.P. (Querétaro, México)   Feb 2021 to Jun 2021
Web Developer

Create a web app for non-profit geriatric center to assist with advertising, donations and community outreach using NodeJS, Vue, Jest, GitHub actions and TypeScript.

Qariño Animal (Querétaro, México)   Feb 2020 to Aug 2020
Web Developer

Create a custom web app for non-profit dog shelter to assist with adoption and advertising.
Technologies: PHP, Apache, JS, AJAX, and UiKit.

Languages

(**Spanish** Native Speaker) (**French** Basic (A2) (2 years)) (**English** Fluent (C1/C2) (14+ years))