



# Bernardo Estrada

📍 Querétaro, Qro. México 📞 +52 228 107 2388 | +1 425 542 3373  
Tec de Monterrey Student and Full-stack developer  
4 years of experience  
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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)