

# MAURICIO PEÑARANDA

(+57) 312 517 6444 ♦ Cúcuta, Colombia ♦ [pfedgarmauricio@gmail.com](mailto:pfedgarmauricio@gmail.com)  
[linkedin.com/in/pfmauricio](https://linkedin.com/in/pfmauricio)

## PROFESSIONAL EXPERIENCE

I'm a Software Engineer with over six years of hands-on experience, mostly in the realm of **backend development**, although knowledgeable in **frontend technologies** as well. My journey in this field has equipped me with a deep understanding of software architecture, development pipelines, coding best practices and especially problem solving. Through attention to detail and passion for learning, my goal is to deliver top of the line quality code and solutions that exceed client expectations.

As a developer, I'm proficient in the following technologies: **.NET Core, Javascript, SQL and Relational Databases, Azure Devops and GIT.**

Also, some technologies I've worked with with extensive care are: **Angular JS, React JS, MongoDB and Non Relational Databases, Serverless Programming, Domain Driven Design, Test Driven Development and Agile Methodologies.**

At last, some tech stacks I'm on my way to mastering: **Golang, TailwindCSS and Google Cloud Platform**

- **Team Lead**, lead a five person unit, expert in time management and Agile pipelines
- Learner! Not so good with courses but very much a bookworm
- Completely fluent in english: written and spoken (C2-level)
- Researcher, never afraid to raise my hand if push comes to shove
- Communicative, team-player and eager to help others

## WORK EXPERIENCE

### KIN + CARTA

*Technical Cloud Consultant, June 2023 – Present*

*DISCOVER Student Loans*

- Engineered new features for Discover's internal tooling systems, security facing challenges such as encryption and data throughput
- Configuration of agile pipelines for continuous integration and delivery for a large array of projects powered by Azure Cloud
- Domain Driven Design and Unit Testing for several components within our web applications and APIs
- Implementation of secure API Gateways, App Insights and security roles for our Active Directory

**Key Technologies:** *.NET Framework, .NET Core, Azure DevOps, Microsoft SQL Server, ReactJs, Git, N-Unit, Azure Functions, Azure CosmosDB, Jenkins*

## *Senior Full-Stack Software Engineer, November 2023 – June 2023*

### *EMSL Labs*

- Implemented secure and scalable Web APIs for providing insights on reads for asbestos within the air in several states based on laboratory samples and mathematical formulae
- Developed extensive unit tests and validations for accurate reading of daily influxes of data regarding air quality and asbestos presence
- Participated with decision making and extensive use of DDD for high performance and testability

**Key Technologies:** .NET Core, Azure DevOps, ReactJs, TailwindCSS, Microsoft SQL Server, Azure CosmosDB, Git, N-Unit, DDD, CQRS, Mediatr, Test Driven Development, API Gateway, Azure Functions

### *AMSTED Technologies*

- As a lead for a 5 person unit within AMSTED, we paved the way for accurate reading of railway carts statuses across the continental USA
- Directly participated in creating new user stories and pipelines for implementing improvements within our existent applications
- Fully responsible for time management of people and resources, as well as interviewing candidates and leading team DEMOs.

**Key Technologies:** Azure Kanban Boards, Azure DevOps, .NET Core, ReactJs, Microsoft SQL Server

## URUIT

### *Senior Full-Stack Software Engineer, February 2021 – July 2022*

#### *GENEX Services*

- Implemented new features for web applications using Angular: development of calendars, mailing services and several dashboards
- Built a new API from scratch in order to translate several thousands of data rows from external companies into our own databases in order to ease the process of acquiring new companies
- Worked on creating new features for invoicing services, online payments and dashboards across several systems
- Implemented secure API gateways and cloud functions with Azure Devops

**Key Technologies:** .NET Core, Angular 12, Microsoft SQL Server, Azure CosmosDB, Azure DevOps, API Gateway, NodeJs, TDD, Clean Architecture

## FINAKTIVA

### *Semi-Senior Backend Software Engineer, February 2020 – February 2021*

- Backend development of new features for desktop applications and web based APIs
- Set up ci/cd pipelines (Google Cloud) for agile development and delivery of new features
- Integration with web API based CRM for customer follow up
- Set up cloud based serverless services for financial analysis

**Key Technologies:** .NET Core, NodeJs, Microsoft SQL Server, MongoDB, Google Firestore, GCP

## JUNIOR ROLES

January 2018 – February 2021

- Learned frontend development using javascript based frameworks (AngularJs, Angular 2+ and React)
- Learned backend development for web based applications in .NET Framework (and Core)
- Quality assurance
- Reporting services

**Key Technologies:** *Java FX, .NET Framework ASP .NET, CrystalNETReports, Jenkins, Git*

---

## EDUCATION

UNIVERSIDAD FRANCISCO DE PAULA SANTANDER (2013-2018)

- Systems Engineering, Bachelor's Degree

## UDEMY

- [Backend Masterclass: GoLang](#)
- [Build a Chatapp: NodeJs, Express, MongoDB and SocketIO](#)
- [TypeScript: The Complete Developers Guide](#)

---

## KEY SKILLS

### BACKEND TECHNOLOGIES

★★★★★ C# .NET

★★★★★ Microsoft .NET Core

☆☆☆☆☆ Golang

★★★★☆ NodeJs

★★★★☆ Java

★★★★★ Relational Databases SQL

★★★☆☆ Non-Relational Databases NoSQL

### FRONTEND TECHNOLOGIES

★★★★☆ Javascript

★★★★☆ Angular

★★★★☆ ReactJs

★★★★★ HTML & CSS



## CLOUD TECHNOLOGIES

- ★★★★☆ Microsoft Azure Cloud
- ★★★★☆ Google Cloud Platform (GCP)

## OTHER

- ★★★★★ Git
- ★★★★★ Domain Driven Design
- ★★★★★ Unit Testing
- ★★★★★ SCRUM & Agile Methodology
- ★★★★☆ Team Lead

