

# Edgar Colón Barrientos

Senior Software Engineer

- Ubicación: **Ciudad de México**
- Email: **edgar.colonb@gmail.com**
- Web: **<https://edgar-colon.mx/>**
- Phone: **7444328340**
- Age: **34 years old**

## SUMMARY

I have been developing products with web technologies since 2011. I really love coding and delivering software with the right quality and I think it's important to balance business needs with engineering and architecture requirements. I enjoy working in innovative products that fit the users needs.

I strongly believe in continuous improvement. That's why I always seek opportunities to learn and embrace new challenges.

Gathered experience working on the full stack: aws cloud services, infrastructure, deployments, web and mobile application.

## CORE QUALIFICATIONS:

- Cloud (**AWS**, Google).
- **Contact Centers** (AWS **Amazon Connect**, **Lex**, **Contact Lens**).
- Development of TPV in real time, with a payment platform(**OpenPay** API).
- Geolocation (api google maps v3).
- Angular, **React (hooks, Redux)**, Vue (SPA, real time **WebSockets**, **GraphQL**).
- Mobile apps (**ionic**-angular framework, Flutter, **React Native** (iOs, Android)).
- Linux / Unix server management, **Docker**, AWS-**EC2**, AWS-**EBS**, **ECS**, **EKS**.
- **Api's Rest (NodeJS(express) or Python(Fastapi, Flask, Django) in AWS EC2 instances)**.
- **Serverless microservices** (AWS Lambda(NODE, PYTHON), AWS Api Gateway(**Authorizers JsonWebTokens**) , AWS-**SQS**, AWS-**SNS**).
- PHP (Codeigniter, **Laravel**).
- .NET (ASP **C#** / Visual Basic).

- Design (normalization) and administration of **SQL** and **NoSQL** databases (SqlServer, MySql, Postgresql, MongoDB, DynamoDB).
- **AWS (Lambda, Api Gateway, S3, SQS, Cloudwatch, RDS, EventBridge).**
- **Unit tests** and Integration testing(**cypress**).
- **CI/CD** Using pipelines, automated deployments with **jenkins to AWS**.
- Using **docker** and **dev-containers** for development in VS-Code.

## SKILLS

Critical Thinking, Problem Solving, Time Management, Effective Communication, Teamwork, Resolving technical issues, Faster learner, Learn mindset, Coaching, Mentoring , Active listening, Abstract thinking, Honesty, Adaptability.

### FRONT END:

- I have advanced knowledge on **HTML**, **CSS3** and **JavaScript** (from ES1 to ES2020).
- I have used typescript in both the frontend and backend.
- **CSS** (Advanced knowledge): **Flexbox**, **CSS Grid**, responsive design (Tailwind CSS, Bootstrap).
- **React Js** (Advanced knowledge): Creating Class and Functional components, hooks, redux, hoc, styled-components.
- **Angular** (Advanced knowledge): Creating components, modules, services from angular cli, using **redux** or services to share the state, rxjs, protect the routes using guards.
- **Vue** (Advanced knowledge): Creating components, sharing the state using vuex(actions, mutations, getters, store).
- Using **AWS S3** to deploy and cloudflare **DNS**.

### BACK END:

- Serverless microservices: (AWS Lambda(**NODE**, **PYTHON**), AWS Api Gateway(Authorizers) , AWS-SQS).

- **Python:** Real time apps using socket.io, **FastApi, Flask, Django**, AWS Lambda(serverless).
- Node: Express (socket.io), AWS Lambda(Serverless).
- PHP: **Laravel**.
- Java: Spring, Spring Boot, Spring Data, Spring Security.
- Servers: Managing EC2 instances, VPS through SSH connection.

## DATABASES:

### SQL:

- MYSQL
- POSTGRESQL
- SQL SERVER
- AURORA (mysql - postgresql)

### NO SQL:

- Mongo db
- Dinamo DB

## EXPERIENCE

### LumSton

Sr. Fullstack developer | September 2022 at present.

Technologies:

- Frontend (Angular(typescript), HTML, CSS, Tailwind).
- Backend (NodeJs, NestJs, Typescript, TypeOrm).
- Microservices serverless (AWS Lambda (NodeJs, Python), AWS ApiGateway, AWS RDS, AWS SNS, AWS DynamoDB, MongoDB, EventBridge, CloudWatch)
- **Amazon Connect**, Amazon Lex, Amazon Contact Lens

**Clip** (Es la plataforma líder de pagos digitales y comercio)

Sr. Fullstack developer | December 2021 - Junio 2022.

Technologies:

- Front (JavaScript, Angular, **React** , HTML, CSS).
- Microservicios serverless (AWS Lambda (**NodeJs, Python**), AWS ApiGateway, AWS RDS, AWS DyanmosDB, MongoDB)
- AWS CloudFormation
- Git, GitHub, Jenkins
- Java , Spring Boot

## Numina Mx

Full-stack developer | from December 2019 to November 2021.

- HTML, CSS(Responsive web design, Flexbox, CSS Grid)
- JavaScript (Angular, React(hooks), Vue)
- AWS (Lambda(Python3, NodeJs), Api Gateway, S3)
- Terraform, Packer
- Automated deployments to stage or production
- Unit Testing and code quality check(Sonarq)

I developed this website: <https://www.numina.mx/> using react, styled-components, only css, without using UI libraries.

## Envíoclick

Full-stack developer | from April 2019 to December 2019.

- Migrate application made in (Laravel, vue js) to Microservices
- JavaScript (Angular, React(hooks), Vue from laravel monolithic app)
- AWS (Lambda(Python3, NodeJs), Api Gateway, S3)
- Correction of bugs and development of features for app in Angular
- Automated deployments to stage or production
- Unit Testing and code quality check(Sonarq)

I developed this website: <https://www.envioclick.com/mx> using react, styled-components

## Copiloto Satelital de Grupo Michelin (Ciudad de México)

Full-stack developer | from Mayo 2018 to April 2019.

- Design and development of a multiplatform application (ionic-angular), currently for android available in the PlayStore (Back-end / Front-end, store publication)
- .Net webApi (apiRestFul), NodeJS.
- SqlServer (Stored procedure)
- Git, BitBucket
- Bug fixes and improvements to the vehicle monitoring platform with GPS
- WebServices, WCF (.net, asp, C#, VB, SQL Server)
- Microservices (NodeJS, MongoDB(mongoose), SQL Server)

## **Mx-Race (Ciudad de México)**

Developer | from December 2015 to April 2018.

- Design and development of an electronic timing system (.NET, SQL Server)
- Web Platform (html5, css3, js, bootstrap)), publication of results in real time (WebServices PHP)
- Design, development and implementation of an Enrollment System for athletic races charged to a credit / debit card
- Development of registration platforms for employees of private sports races (Grupo BAL, NISSAN Unbreakable, Deloitte, Grupo DESC - KUO, Dupont, Sagarpa, GEEP, BANXICO, Metlife).

<https://www.mx-race.com/eventos/>, <https://time-mx.com/misinscripciones/>,  
<https://time-mx.com/resultados/unbreakable/2018/veracruz/>

## **EDUCATION**

### **Lic. Sistemas Computarizados e Informática**

Universidad Loyola del Pacífico, ULP. (Grade point average: 9.1)

(AUGUST 2006 - FEBRUARY 2011 - En proceso de titulación)

Address: Avenida Heroico Colegio Militar s/n, Acapulco Guerrero.

### **High School**

Colegio de Bachilleres #24

(AUGUST 2003 - June 2006)

Address: Plan de los Amates, Acapulco Guerrero.