Mexico City
Mexico

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EMPLOYMENT

Senior Software Engineer	Nubank	May 2021 – Present

- Code a solution in the fraud vertical that helped to decrease in a 15% the time spent by customer service to process customers that could be identified as potential fraudsters.

Full Stack Engineer	Rappi	Jul 2019 – May 2021

- Coaching a small team to migrate the old microservices to a new event-based architecture; that resulted in a more robust infrastructure that power the Colombian's RappiPay B2B ecosystem.
- Built a solution that helped in the day to day settlement transactions processed by RappiPay systems with Rappi's debit card. This led to an automated process and a more precise and rapid resolution to tens of thousands of support tickets for Mexico and Brasil.
- Developed new features in the RappiPay vertical, which helped to stabilize the functioning of the platform and make more attractive the use of Rappi's debit card.

Software Engineer	AMK Technologies	Jun 2017 – Sep 2018

- Led the design and development of a high demand API for registering users to entertainment subscriptions, this helped the company attract new clients. So clients could do their own advertisement of new products and subscribe users using the API.
- Standardized creation of the frontend projects (React and Redux).

Software Engineer	Indigo	Sep 2016 – Jun 2017

- Supervised the frontend code base (AngularJS) for Bansefi back office, implementing and teaching best practices, clean code, and incremental refactoring.
- Solved the need of process big CSV files of inventory for Bansefi, by implementing a batch process (Spring Batch) and printing PDF reports with Jasper Reports.
- Led the redesign and development of a "Flights and Hotel Reservation" Ruby on Rails project, that was staled for almost half a year, because there was no Ruby developer. So I had to organize meetings with the previous developer, and then do weekly meetings with the client to report advance and clarify doubts. Culminating in successful end to end tests that implied third party API's.

EDUCATION

Mexico City	Tec de Monterrey	2005 – 2012

- **M.S Computer Science**, Apr 2012. Full scholarship with monthly maintenance fee by CONACYT and Tec de Monterrey.
- **B.S Computer Engineering**, May 2010. CENEVAL National Prize, Egress Test (EGEL).

OTHER PROJECTS

- **Intelligent Tutor System for the Training of Novice Operators of a Combined Cycle Power Plant** (2012). Web based classroom where the professors designs exercises for training operators, it has a 3D model of the power plant, use freesteam open source library for the vapor tables, and grade the operators with the help of Bayesian Networks (Elvira tool). Java, C, MySQL.
- **Timbrao** (2017). Project that helps Mexican people to automatize their tax declarations by taking a photo to their receipts from some stores. PHP, JavaScript, Angular 2+, iOS.

LANGUAGES AND TECHNOLOGIES

- Engilsh (Professional working proficiency); Spanish (Native).
- Clojure; ClojureScript; Java; Kotlin; JavaScript; TypeScript; Python; SQL; NoSQL.
- REPL Driven Development; Scrum; Agile; Microservices; CI/CD; Event-Based Architecture; TDD; Integration Tests; E2E Tests.
- Datomic; Pedestal; Leiningen; Node.js; NestJS; Pandas; Airflow; Maven/Gradle; Dropwizard; Spring; HBase; Kafka; React/Redux; AngularJS; Angular 2+; Git; Docker; K8s.

CV with introduction, gap between jobs, prior experience, and other projects available at:
https://edblancas.io/cv/cv.pdf