Mexico City
Mexico

Daniel Blancas

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Employment

Software Engineer **Ironclad** **May 2025 – Present**

- Part of the Developer Productivity team, building an Internal Developer Platform (IDP) with TypeScript, Node.js, and React to streamline workflows for developers through integrated tools—such as cost metrics, Git management, templates, notifications, Kubernetes, and ephemeral environments—among others.

Senior Software Engineer **Onest** **Sep 2024 – Apr 2025**

- Built back-end and front-end systems for personal loans in underdeveloped markets, integrating gamification and financial education to increase user engagement.
- Developed microservices in TypeScript, Node.js, and Express.js with an event-driven architecture on AWS (Lambda, S3, DynamoDB, Kafka), later migrating to Kubernetes for improved scalability.
- Created a React-based back office, a custom notification system with audit trails, and CI/CD pipelines with GitHub Actions for automated testing and deployment.

Senior Software Engineer **Nubank** **May 2021 – Nov 2023**

- Built the screens and flow that customers use to apply for a personal loan in the Nu application; which resulted in the release of the first MVP for Mexico and the internationalization of the services architecture that worked both for Brazil and Colombia. Clojure, Datomic, BDC, and Flutter.
- Designed, and built the architecture that would enable the backend for the issue of personal loans; this includes the creation or internationalization of services. Clojure, Kafka, Datomic, and K8s.
- Built a solution in the fraud vertical that helped to decrease in 15% the time spent by customer service to process customers that could be identified as potential fraudsters. Clojure, ClojureScript, Kafka, Datomic, and K8s.

Senior Full Stack Engineer **Rappi** **Jul 2019 – May 2021**

- Coaching a small team to migrate the old microservices to a new event-based architecture mainly with Kotlin (Spring Boot) and Kafka, but we also used TypeScrpit (NestJS); that resulted in a more robust infrastructure that powers the Colombian's RappiPay B2B ecosystem. PostgreSQL, Jenkins, and K8s.
- Built a solution, with Airflow and Python3, 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. Pandas, Snowflake, K8s.
- 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. Node.js, JavaScript with Express/Koa, PostgreSQL, and K8s.

Education

Mexico City **Tec de Monterrey** **2005 – 2012**

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

Languages and Technologies

- Engilsh (Professional working proficiency); Spanish (Native).
- TypeScript; Clojure; ClojureScript; Java; Kotlin; JavaScript; Python; SQL; NoSQL.
- Unit Tests; Integration Tests; TDD; Scrum; Agile; Microservices; CI/CD; Event-Based Architecture; REPL Driven Development.
- React/Redux; Node.js; Express.js; NestJS; Jest; Kafka; PostgreSQL; DynamoDB; AWS Ecosystem; Datomic; Pedestal; Leiningen; Maven; Gradle; Spring; HBase; AngularJS; Angular 2+; Git; Docker; Jenkins; AWS (IAM, ECS, S3); K8s.

CV with introduction, prior experience, side projects and other information here: edblancas.github.io/cv/cv.pdf.