

# Miguel Enriquez

DevOps/SRE/Data Eng + Microservices Specialist

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## SUMMARY

Specialist building Digital Platforms using Microservices & Evolutionary architectures, implementing cross-cutting concerns such as observability, security, CI/CD. Focused on DevOps and SRE practices. Partnered with all kinds of companies: from Fortune 10 to small startups by guiding and building software platforms and services with a focus on product development and Productivity Engineering on Developer Platforms.

## EXPERIENCE

### Nextdata Inc - San Francisco, CA — Principal Software Engineer

JANUARY 2022 - PRESENT

I work on all levels of Nextdata OS for Data Mesh implementations with our customers.

- Working closely with product and management to implement features for our pilot clients. We got our first series funding based on our tech and prototypes and Raised 12 M on our seed round.
- As part of the Field Engineering team, I work with customer executives and engineers to deliver Data Mesh implementations based on our software.
- Accomplished successful customer onboarding and integration for Fortune 100 companies, increasing revenue and reducing friction working as a Forward Deployed Engineer.

### Indebted - Melbourne, Australia — Software Engineer

JANUARY 2022 - DECEMBER 2022

I worked integrating client systems to Indebted's platform using an event-based architecture.

- Worked on systems integration with clients to automate referrals from companies, bringing new business in a turmoiled market

### Greystone Associates -Charlotte, NC — Principal Software Engineer

FEBRUARY 2021 - APRIL 2022

I worked with companies during their transition to cloud-based services after the COVID-19 pandemic by building digital platforms and helping application developers to take their services to the cloud.

- Boosted productivity of 4 workstreams by building a microservice platform and saved hours of development to 15 engineers in 3 different products by reducing time to market from months to days in large-scale operations.
- Facilitated multi-region infrastructure and CI/CD capabilities allowing new business from different regions (Europe, Japan, US). This translated into multiple revenue streams valued in millions of dollars.
- Consulted on a consolidated transporting company to build their IoT platform for vehicle tracking and material delivery.

### ThoughtWorks - Dallas, TX — Senior Consultant

NOVEMBER 2016 - JANUARY 2021

I delivered platforms that allow innovation, R&D to happen fast while maintaining developer experience as a focus to accelerate adoption. Recently, I have worked with Fortune 10 companies developing Digital Platforms creating reference architecture services, and designing CI/CD pipelines for such applications.

- Built a platform for dozens of microservices allowing hundreds of thousands of operations per second with high resilience allowing business opportunities to be boarded in weeks instead of months.
- Created complete code generation and delivery mechanisms facilitating business opportunities which reflected in faster time to market of new products. Also helped to create both reference architecture and distributed refactoring over large monorepos and microservice repositories.
- Mentored and trained consultants, client developers, and architects on microservices and evolutionary architectures. This increased the quality of shipped features and products allowing low-churn and high quality products.
- Managed tech debt applying distributed refactoring techniques using Atomist over microservice

## SKILLS & TECH

**Cloud Architecture** (AWS, Azure, 8 years. GCP 4 years), **Kubernetes** (AKS, EKS, GKE, K3s, Openshift, 8 years), **Infrastructure** (Terraform, Pulumi, SaltStack, Packer, 8 years), **Microservices** (Domain Driven Design, Platform Engineering, Fitness Functions, 9 years), **CI/CD** (Jenkins, Azure DevOps, 9 years. Github Actions, 2 years) **Observability** (Grafana, Prometheus, Thanos, OTEL, Clickhouse 5 years), **Scripting & Automation** (Bash, Powershell, CLIs, 9 years), **Frontend** (React, D3.js, 2 years), **Backend** (Java 11 years, JavaScript 9 years, Spring Boot 7 years, Node 4 years, Golang 3 years, Rust 3 years). **Data Engineering** (Data Pipelines 3 years,, Data Mesh 3 years, Data Lake/Warehousing 2 years, ETL/ELT 4 years. Batch Processing 4 years)

## PROJECTS

### PirateDevRadio — [Podcast](#) (in Spanish)

Software development podcast aimed to generalist and discuss news in the software development world.

### Talks, Panels, & Community Building

I give frequent talks about Microservices, DevOps, Java and other topics..

## EDUCATION

Bachelor's Degree, Computer Systems Engineering.  
Zacatecas Institute of Technology

repositories.

**Softtek - Dallas, TX —Site Reliability Engineer**

FEBRUARY 2016 - NOVEMBER 2016

I worked in the airline industry maintaining and improving a critical application for aircraft/airport operations. Under strict guidelines, SLAs, and time constraints, I improved different aspects of the applications I maintained by correcting errors, improving the architecture, adding monitoring capabilities and detecting problems early.

- Brought observability and alerting best practices to established products reducing costs and downtime which reflected in better customer service, savings on maintenance.

**Accenture - Austin/Dallas, TX —Front-End Engineer** NOVEMBER 2014 - FEBRUARY 2016

**Softtek - Mexico - Tech Lead** APRIL 2013 - NOVEMBER 2014

**4F Systems - Mexico - Programmer** JANUARY 2009 - DECEMBER 2010