René Nochebuena Guerrero

Technical Architect · Senior Software Engineer

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Information and Communication Technologies engineer with over 12 years building software and, since 2023, a technical architect on projects for US and UK companies in finance, publishing and media. I design high-availability services, event processing and shared libraries in Java and Go, with Angular front ends and infrastructure as code. Alongside my assignment, I mentor engineering teams.

Professional experience

Technical Architect
Apr 2022 – present

Tech Mahindra · Full-time employee

- Architect assigned to international client projects. Technical mentor: onboards new team members, runs architecture and pair-programming sessions, and writes learning paths for the teams.

Citizens Bank · Java Technical Architect
Dec 2023 – present

- Architecture of the alerting flow of the check-risk engine, in fraud prevention.
- Shared libraries and developer tooling for high-availability financial services.
- Event processing with Kafka, observability with Datadog, and delivery with Jenkins and OpenShift.

Dow Jones · Java Technical Architect
Feb 2023 – Oct 2023

- Maintenance and optimisation of high-availability services that distribute editorial content worldwide.
- Metrics with Prometheus and Grafana, migration to Kubernetes, and runbooks for the support team.

HarperCollins · Java / MuleSoft Technical Lead
Jan 2023 – Feb 2023

- Audit of MuleSoft integrations and a migration plan to Microsoft Azure, with architecture diagrams and estimates.

Dow Jones · Senior Software Engineer
Apr 2022 – Dec 2022

- Real-time event analytics platform with Java, Spark and Hazelcast on AWS and Kubernetes.
- Designed a configuration-driven backend framework adopted by several teams; promoted to Technical Architect.

Full Stack Developer
Sep 2020 – Mar 2022

Oomph Telecoms, Newark, USA · Full-time contractor

- Fleet management platform: vehicle tracking, claims, repairs and quotes, with Quarkus, gRPC and Angular.

Full Stack Developer
Aug 2016 – Aug 2020

DNTech, Xicotepec de Juárez, Mexico · Employee

- Systems for federal, state and municipal government agencies: KPI tracking, dashboards, reports and transparency portals.

Independent Developer — Jan 2014 – Aug 2016
Xicotepec de Juárez, Mexico

- Point-of-sale and management systems for hospitality and service businesses.

Independent practice · NOCHEBUENA|DEV

Per project and outside working hours, I build and run software for clients and my own products:

- **Kaapeh Chujuuk**: operations system for a coffee shop (point of sale, kitchen display, inventory and cash). Go, Angular, PostgreSQL, containers.
- **NOCHEBUENA|DEV Learn**: platform that issues and verifies certificates with a unique folio and a QR code. Go, Angular.
- **Luminitsa**: numerology readings app with PDF reports and email delivery. Go, Angular.
- **Foliora**: SaaS for print shops that lays out numbered sheets, with subscriptions and online payments. Laravel.
- In-house deployment platform as code (OpenTofu, Ansible) and hardened client websites.

Technical skills

Languages	Go, Java, TypeScript, PHP, Python, C#
Backend	Spring Boot, Quarkus, Laravel, NestJS; REST and gRPC APIs
Frontend	Angular, Astro, Vue, Ionic
Data and messaging	PostgreSQL, MySQL, MongoDB, Redis, Kafka, NATS
Infrastructure	Docker, Kubernetes, OpenShift, OpenTofu, Ansible, CI/CD, AWS, Google Cloud, Azure
Practices	Clean architecture, domain-driven design, automated testing, OWASP security, agentic AI-assisted development
Languages spoken	Spanish (native), English (C1)

Education and certifications

Master's in Software Engineering — in progress
Universidad Internacional de La Rioja, Spain

B.Eng. in Information and Communication Technologies — 2021
Universidad Tecnológica de Xicotepec de Juárez · Top GPA of the programme and of the class

Associate Degree in Information Technology — 2019
Universidad Tecnológica de Xicotepec de Juárez

- **Google Cloud Platform**: current certification.
- **Microsoft Azure**: current certification.
- **Amazon Web Services**: recertification in progress.

Training delivered

Universidad Tecnológica de Xicotepec de Juárez: courses on **Web Application Development with Spring Boot** and **Cloud Architecture and Voice Computing with the Amazon Alexa Skills Kit**.

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Development · Architecture · Mentoring