



William Nieva Gutiérrez

I integrate mission-critical systems and build software that holds up in production.

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ABOUT

Computer and Informatics Engineer with more than 20 years of experience, from software developer to technical lead. I specialize in Java backends with Spring Boot, microservices and system integration, particularly modernizing legacy systems without stopping the business. I work with SOLID, clean architecture, automated testing and quality gates, backed by cybersecurity expertise as an Ethical Hacking Certified Associate (EHCA, CertJoin).

EXPERIENCE

Integration Lead / Senior Backend Developer

NOV 2025 - PRESENT

Smartjob · Banco BCI · BCI Corredora de Bolsa (brokerage)

- Designed and implemented a dual SIGA/Calypso architecture using feature flags and the Router pattern, so both systems run side by side and can be switched over with zero downtime.
- Defined contracts and conversion layers to a canonical DTO, aligning the Calypso orchestrator responses with existing contracts and avoiding cascading rewrites downstream.
- Build microservices in Java 11 and Spring Boot with reactive programming (WebFlux / WebClient) and Gradle.
- Standardized HTTP client configuration: per-environment TLS and truststore settings, fail-fast startup checks and environment-specific security policies.

Java 11 · Spring Boot · WebFlux · Gradle · AKS · OpenShift · GitHub Actions · SonarQube · JMeter

Software Engineer

MAY 2024 - MAY 2025

Amaris Consulting

- Improved the performance of existing applications by refactoring code and strengthening their architecture.
- Integrated RESTful APIs and third-party services to extend system capabilities.
- Introduced unit and automated tests to raise quality and reduce production defects.

Java · Spring · Hibernate · REST · Git

Senior Full-Stack Developer

SEP 2023 - JUN 2024

Amaris Consulting

- Built applications with Java, Spring and Hibernate.
- Took part in sprints and agile ceremonies throughout software design and construction.
- Analyzed requirements and delivered solutions tailored to each client.

Software Engineer

SEP 2022 - SEP 2023

Falabella

- Migrated microservices from Java 8 to Go.
- Optimized existing applications, cutting load times by 30%.
- Built RESTful APIs to integrate internal and external systems.

Go · Java 8 · REST · Scrum

SKILLS

Backend

Java · Spring Boot · WebFlux · Hibernate · Go · NestJS · Node.js · TypeScript · C# .NET · PHP

Architecture

Microservices · REST & SOAP APIs · Reactive programming · BFF · Feature flags · Canonical DTO · Clean Architecture · SOLID

Frontend & mobile

Angular · React · Next.js · Astro · Tailwind CSS · Ionic · Android · Flutter / Dart

Data

Oracle · PostgreSQL · MariaDB / MySQL · SQL Server · Redis / Valkey · Prisma · OLAP

Cloud & DevOps

Azure AKS · OpenShift · Kubernetes · Docker / Podman · GitHub Actions · SonarQube · JaCoCo · Nginx · Linux

Security

Ethical hacking · OWASP Top 10 · Cloudflare WAF · Server hardening · Secrets management · Secret Scan

Quality & delivery

Scrum · Technical leadership · Unit & integration testing · JMeter · UML · BPMN · Gantt planning

EDUCATION

Computer and Informatics

Engineering (professional degree)

Universidad del Valle · Cali, Colombia · 1993 – 1999

Senior Java Developer

NOV 2021 – AUG 2022

HUENEI IT Services · Falabella

- Built RESTful services in Java 8 to manage order cancellations and returns.
- Contributed to the Customer BFF, the backend layer that tailors retail services to each digital channel.
- Took part in migrating projects from Java to Go.

Java 8 · Go · REST · BFF

Senior Software Engineer / Technical Leader

MAR 2020 – JAN 2021

Axity · Duoc UC and Universidad Diego Portales

- Led the development team and served as the project manager's focal point for every technical sign-off.
- Ensured the project followed the software development best-practices handbook in full.
- Escalated technical questions and issues to the architect, and worked hand in hand with the functional analyst.

Java · JBoss Fuse · Rolling updates

Senior Java Developer

MAY 2019 – MAR 2020

HUENEI IT Services · Falabella · KARDEX project

- Helped build the project's REST API.
- Developed and deployed the services connecting Falabella's systems with KARDEX.
- Containerized the applications.

Java · REST · Docker

Senior Solutions Analyst SN-N2

SEP 2016 – AUG 2018

everis (now NTT DATA) · Entel · Banco de Chile · Movistar

- Entel: Java developer on web and Android projects using agile methodologies.
- Entel: member of squad UNO in the Entel Digital Transformation program (TDE), working with Ionic, Android and Java, and of the Data Usage project.
- Banco de Chile: project management analyst in the Technology Innovation department for the Mi Banco, Mi Pago and Mi Seguro mobile apps.

Java · Android · Ionic · Angular · Agile

Java Developer

OCT 2015 – AUG 2016

Kibernum · Sodexo

- Maintained the SOAP and REST web services and the members' reimbursement portal.
- Built new modules for PANDA, the web application the call center uses to handle customer inquiries.
- Introduced new technologies, planned tasks and prepared reports.

Spring MVC · Spring Boot · Hibernate · Maven · Oracle · SOAP · REST

Cybersecurity Engineering (one semester)

Universidad de Las Américas · Chile · 2024

Informatics Engineering

Duoc UC · Chile · 2021 – 2024

Ethical Hacking & Penetration Testing

Academia Hacker · 2024

Java Analyst Program

Linux Center Latinoamérica

Android Development

OTEC Kibernum Capacitación · 2016

CERTIFICATIONS



Ethical Hacking Certified Associate (EHCA)

CertJoin Certifications LLC · November 2024

Hacking Knight · Leadership ·
JavaScript Fundamentals ·
JavaScript Closures & Scope · Dart

LANGUAGES

Spanish	Native
English	Intermediate

PERSONAL PROJECTS

El Arte de Sostenerme

Emotional well-being platform

NestJS · React · Angular · MariaDB
· Redis
terapia.carojas.cl · admin.carojas.cl

vTesorería

Multi-school class treasury

NestJS 11 · MariaDB 10.11 · Valkey ·
Cloudflare R2 · React 19
tesoreria.versionuno.dev

vParking-X

Parking management · Desktop

Flutter · Dart · BLoC · Drift · MySQL
/ MariaDB

vCalendario · In development

Scheduling & booking SaaS

Next.js 16 · React 19 · TypeScript ·
Prisma 7 · PostgreSQL
vcalendario.cl

Full portfolio: wnieva.versionuno.dev