



Daniel Velerdas Sedano

Financial Crime & Fraud Prevention Consultant |
Full-Stack Developer | API Engineer



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<https://github.com/daniveler>



<https://daniveler.github.io>

ABOUT ME

Computer Engineer with experience in the development, maintenance, and improvement of system integration solutions.

Throughout my career, I have worked with APIs, databases, automation tools, and security protocols, developing scalable and reliable solutions for international teams in sectors such as finance and telecommunications.

I am motivated by new challenges that allow me to deepen my knowledge in both technical and functional areas, guided by best practices, a continuous improvement mindset, and a strong focus on quality and optimization.

Outside of my professional work, I maintain an active interest in Artificial Intelligence and its practical applications, as well as in finances, particularly in personal finance and investment. I regularly enjoy researching, learning, and staying up to date in these areas.

PROFESSIONAL EXPERIENCE

Financial Crime & Fraud Prevention Consultant in Santander's OneFCC Project as NTER's client

October 2024 - Present

- **Workflows planification and management** using Control-M, starting from public and private lists loading to generation of suspected fraud alerts.
- **Monitorization** of fraud detection system with Oracle's suite: FCCM, EDQ, IPE, OBIEE, Weblogic, Oracle SQL Developer, etc., ensuring **availability, data integrity** and proper functioning of the alert generation system .
- Formating and validation of clients and payments files according to **SEPA (ISO20022), SWIFT MT/MX and FEDWIRE standards**, ensuring their proper processing.
- **Development of tools and automations** using Python and Bash, resulting in productivity increase on repetitive tasks.
- Management and **testing of Postman's microservices APIs collections**, ensuring successful integration and proper functioning of services.
- Preparation of **technical documentation** and evidence extraction of changes and implementations, contributing to **internal regulatory compliance** and enabling trazability of deployments.

- **Security protocols** implementation, including creation, signing, and verification of **digital certificates** in order to establish **secure connections** between services, ensuring regulatory compliance and integrity in communications.

OB API Integrator in Telefónica as uXcale client

January 2023 - Present

- **Project integration** between Telefónica Kernel Global and Vivo Brazil team.
- Involvement in the **analysis and design** processes of 4P APIs.
- Significant contributions to different phases of the **API lifecycle**.
- **Development and deploy** of different integration tools using Node JS, ReactJS and Express.
- **Formal documentation** of all processes undertaken, as well as test case generation.

API Engineer in uXcale

September 2022 - Present

- Development of an introductory **training program** for APIs.
- **Design and specification** of internal APIs for employee and activity management.
- **Implementation** of APIs using different environments such as SpringBoot, NodeJS or GraphQL.
- **Testing** with frameworks like Junit 5, Mockito, Jest and Supertest.
- Definition of the **standard methodologies and techniques** which must be followed by the API Team such as Git Strategy or good practices guides and templates.
- **Study and investigation** about numerous API concepts and various technologies, such as OpenAPI, API Managers, gRPC, AsyncAPI, and GraphQL, among others.
- Continuous collaboration in internal **documentation and proof-of-concept repositories**, centered in API Methodologies, Architectures and Patterns.
- Utilization of **API clients** such as Postman, Advanced Rest Client, or Insomnia.
- Involvement in different internal **informative talks** about technologies and methodologies related with APIs.

Mobile Developer in Pixel Innovación y Desarrollo, S.L.

February 2022 - May 2022

- **App Development** on Android and iOS.
- Focus on **implementing key functions**, such as reading and interpreting QR codes.
- Efficient **data management** among applications.
- **Integration** with a WebService.

PERSONAL PROJECTS

Opo Finder. Compilation of Official Bulletins.

Full-stack application developed using React and Node JS based in the compilation of state, community and provincial official bulletins in order to make easier for users to check all of them from the same platform. It has a responsive design in order for a correct visualization from multiple devices. The tool is deployed in the following URL:

<https://daniveler.github.io/opo-finder>

Technologies: **React, NodeJS, Javascript**

Full-Stack Open Course from Helsinki's University.

This course serves as an introduction to modern web application development with JavaScript and Typescript. The main focus is on building single page applications with ReactJS that use REST APIs built with Node.js. The course also contains a section on GraphQL, a modern alternative to REST APIs. It covers testing, configuration and environment management and the use of databases for storing the full-stacks application's data.

Technologies: **React, NodeJS, Javascript, Typescript, GraphQL**

AXPE Employees API.

Final exercise from a training period on apification. Rest API service for controlling employees of a company. It includes its OpenAPI 3.0 specification and implementation in Spring Boot.

Technologies: **Java, SpringBoot, Swagger**

MovieFav. Movie List App.

Mobile Application developed for a technical test, using the Retrofit and Room libraries to read data from an API and to manage a local DB that allows data persistence.

Technologies: **Android, Kotlin**

Survy. Educational app of online surveys and questions.

Final Degree Project for Computer Engineering Degree. Mobile application for managing online surveys and questions in the educational field.

Technologies: **Android, Kotlin**

ACADEMIC STUDIES

Universidad de Salamanca

Computer Engineering | 2018 - 2022

OTHER STUDIES

Online courses about various topics in platforms such as OpenWebinars or Coursera, including JavaScript programming, fundamentals of cybersecurity, Full-stack and Android app development, API Managers, Unity programming, GraphQL, and more.

LANGUAGES



English:

- B1 Certification by Official Languages School (Escuela Oficial de Idiomas).
- B2 in Oral Fluency by Universidad Internacional Menéndez Pelayo.



Spanish:

- Native Speaker.

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Javascript
- ReactJS
- NodeJS
- Express
- Portman
- JSON
- YAML
- NodeJS
- C
- C#
- Java
- SpringBoot
- Kotlin
- Swift
- Bash
- API REST
- RAML
- OpenAPI
- gRPC
- GraphQL
- Apigee
- Mulesoft
- Kong
- Amazon AWS
- HTML
- CSS
- SQL

DEVELOPMENT ENVIRONMENTS

- Visual Studio
- Visual Studio Code
- Postman
- Unity
- XCode
- Eclipse
- NetBeans
- Android Studio