

Nicolas Eduardo Olivares Gonzalez

 Currently located at Mississauga, Ontario (open to relocate, on-site, remote, hybrid)

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Languages: English (Advanced), Spanish (Native), French (pré intermédiaire)

Software Engineer

Full Stack | Software Development | Architecture | SDLC

Professional Summary

Software Engineer with 6+ years of experience developing and integrating systems software and hardware. Development experience mainly in Python, JavaScript, .NET Core (C#).

Solid understanding of Software Development Life Cycle, architecture, domain modeling, API-driven design. Experience in building scalable integrations, cloud-native deployments, and reusable components through composable architectures.

Strong communication with partners, clients and stakeholders, always ready to learn something new and explore different alternatives for solutions.

I suggest seeing my portfolio with proven experience on software development:
<https://neolivaresgonzalez.com>

Skills Highlights

Frontend Development

React, Angular, Vue.js, JavaScript/TypeScript, Bootstrap, Responsive Design, UI/UX.

Backend development

Python, .NET Core (C#), Entity Framework (ORM), MVC, SaaS, Flask, Node.js, REST APIs, OpenAPI specification, GraphQL.

Deployment & Clouds

IIS, Windows Server, SQL Server, Electron.js, Docker, Vercel, AWS, Azure, Huawei Cloud, Terraform

Tools & Workflow

Jira, Confluence, Git (Github, Gitlab), VS Code/Antigravity, NPM, CI/CD (Gitlab, Github Actions), Postman, Figma & FigJam, Agile Scrum

Platforms

Salesforce, Strapi (Headless CMS), Shopify.

Experience

Full Stack Developer (Project Engineer)

- Collaborated internationally with banks from Costa Rican, Nicaraguan & locally in Chile.
- **Frontend**
 - Developed self-service kiosks with decentralized UI using Vue and React with TypeScript.
 - Used Bootstrap package to style the kiosks following the UX previously designed by the banks UI/UX teams.
 - Used SignalR client to communicate user interactions to execute hardware events.
- **Backend**
 - Developed self-service kiosks centralized backend component using .NET Framework and .NET Core with C# language with secure strategies for data protection, software & hardware operation consistency.
 - Used ORM Entity Framework to map the entities from the SQL Server database
 - Hardware integration
 - Used event driven communication using SignalR to receive events on near-real time from the frontend and execute hardware actions. For example:
 - Read a fingerprint
 - Compare a fingerprint with previously stored fingerprint template
 - Print/emboss credit/debit card from printer machine (e.g., Datacard CD840, Zebra)
 - Read passport OCR MRZ code readers (Gemalto)
 - Interop functionalities to DLL files (C# <=> C++) from oldest the devices.
 - Integrate SDK from the most modern devices.
 - Software integration
 - REST API for frontend communication
 - SOAP for bank Web Service Definition
 - Deployment
 - Electron.js for frontend component (node package with multi-platform installer capabilities) on Windows Server
 - IIS for backend deploy (.NET web application on Windows Server)

- Proof of Concept with Python Flask API service for touchless self-service kiosks with React interface.

Web Developer (Volunteer)

- Collaborating with the volunteer web development team to establish an effective development methodology for agile work item description and Git-based version control workflows.
- Collaborating with a volunteer development team to build community-focused web applications using Angular for the front end and Strapi (headless CMS) for content management.
- Supporting UI component development, routing, and API integration between Strapi and Angular.
- Public Repository: https://github.com/White-Haven-Community-Club-Web-Dev/whcc_website

Technical Lead (IT Project Manager at PUC)

- Handled the implementation of a Python based middleware with Cloud serverless resources and API Gateway.
- Partnered with business and design teams to clarify user requirements and deliver technical solutions aligned with client needs.
- Documented workflows and provided technical hand-offs for cross-functional teams.
- Coordinated integrations between internal systems and Salesforce CRM for lead management and automated data synchronization with marketing platforms.
- Collaborated with the communications team on WordPress enhancements to expose Continuing Education courses and lead-capture forms connected to Salesforce data.

Employment

IT Project Manager (Technical Lead)

Pontifical Catholic University (PUC)

07/2022 – 08/2025

Santiago, Chile

Project Engineer

Kimn-IT

01/2020 – 06/2022

Santiago, Chile

Volunteering

Web Developer (Volunteer)

White Haven Community Football Club Corp.

10/2025 – Present

(Remotely) Canada

Education & Training

Course: Python for data analysis intermediate level

Pontifical Catholic University

08/2025

Santiago, Chile

Microsoft Certified: Azure AI Fundamentals

Pontifical Catholic University (Credibly)

Credential:<https://www.credly.com/badges/870cefb2-4374-4bcf-9807-8594e4a0dd6a>

07/2024

Santiago, Chile

Bachelor's in engineering sciences (Software Engineering)

University of Santiago (USACH)

03/2013 – 12/2021

Santiago, Chile