

Nicolas Eduardo Olivares Gonzalez

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

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

Software Engineer Full Stack / Software Architecture / .NET / React

Professional Summary

Software Engineer with 5+ years of experience developing and integrating systems and hardware. Development experience mainly in .NET Core (C#), React/TypeScript. 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.

Skills Highlights

Frontend Development

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

Backend development

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

Deployment & Clouds

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

Tools & Workflow

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

Platforms

Salesforce, Strapi (Headless CMS), Shopify.

Professional 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 frontend 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)

- 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.
- Managed 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.
- Led Python based middleware implementation with Cloud serverless resources and API Gateway.
- Mentored colleagues to follow best practices in DevOps processes to efficient outsourced development from deployment to support.

Employment Experience

IT Project Manager (Technical Lead)
Pontifical Catholic University

07/2022 – 08/2025
Santiago, Chile

Project Engineer
Kimm-IT

01/2020 – 06/2022
Santiago, Chile

Volunteering Experience

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
Credential: <https://www.credential.net/f4683b3a-16cd-448b-b317-1a9b99f40458#acc.LyF0gHX4>

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

BESc in Software Engineering
University of Santiago (USACH)

03/2013 – 12/2021
Santiago, Chile