

Nestor Longa

Software Engineer | Full-Stack & Platform Development, TypeScript, Angular, C#/.NET, React & REST APIs

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PROFILE

Software engineer with experience building enterprise software across web, desktop, backend, and systems-level components. Strong background in C#/.NET, ASP.NET REST APIs, Angular, JavaScript, SQL Server, MySQL, WPF, Windows applications, and enterprise UI workflows. Experienced in complex production systems, including a vSphere/vCenter enterprise plugin built with Angular, REST API development, desktop application features, PowerShell cmdlets, and kernel driver work. Also experienced with React and Node.js through personal web projects.

SKILLS

- **Programming Languages:** C#, TypeScript, JavaScript, SQL, PowerShell
- **Frameworks & Platforms:** .NET, ASP.NET, Angular, React, Node.js, WPF, WCF
- **Frontend Development:** HTML, CSS, responsive web interfaces, enterprise web applications, UI workflows
- **Backend & APIs:** REST APIs, API design, backend service integration, business logic
- **Databases:** SQL Server, MySQL, relational databases
- **Desktop & Systems:** Windows applications, kernel driver work
- **Development Tools:** Git, TeamCity, Visual Studio, WinDbg

PROFESSIONAL EXPERIENCE

Software Engineer I | DataCore Software

Jun 2021 - May 2023

- Played a key role in building a vSphere vCenter storage management plugin, creating Angular-based web UI workflows and backend ASP.NET REST APIs.
- Built and refined Angular-based UI workflows to support storage-management features inside vCenter.
- Migrated the plugin interface to Clarity-based UI patterns, improving consistency across the application.
- Built PowerShell-based validation tools for storage testing and designed a test-generation framework that translated XML test definitions into reusable execution flows.

Software Engineer II | DataCore Software

May 2023 - Apr 2026

- Contributed to enterprise systems-level software, including kernel driver work and product functionality across low-level platform components.
- Delivered new product features across multiple platform layers, including desktop application, REST API, and PowerShell cmdlets.
- Built and maintained internal validation tools and test-support workflows for complex enterprise storage environments.
- Built a PowerShell-based OS hardening framework aligned with Microsoft and CIS baseline recommendations.

Software Developer | Self-Employed

Jan 2018 - Jun 2021

- Built desktop and business software using C#, WCF, WPF, SQL, HTML, CSS, and JavaScript.
- Developed industrial PLC control software for real control workflows.

EARLIER EXPERIENCE

Software development, network support, and teaching roles in Cuba, including software development, C++ instruction, PHP instruction, and mathematics teaching.

EDUCATION

University of Havana - Bachelor's Degree in Computer Science