

EDUARDO TORNUQUIST

SOFTWARE DEVELOPER 📍 LOS ANGELES, CALIFORNIA, UNITED STATES ☎ 7866091118

◦ DETAILS ◦

Los Angeles, California
United States
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◦ LINKS ◦

[Linkedin](#)
[Portfolio](#)

◦ TECHNICAL SKILLS ◦

Frontend: React, Redux, Material UI

Backend: NestJS TypeScript

Cloud: Microsoft Azure (Cosmos DB, Function Apps, Blob Storage, Key Vault)

DevOps & Tools: Git Azure DevOps Visual Studio

◦ LANGUAGES ◦

Spanish
English



PROFILE

Software Developer with 4.5 years of experience building scalable web applications. 2.5 years as a **Full Stack Developer** delivering production-grade solutions using **React, Redux, Material UI, and NestJS**. Experienced with **Azure (Cosmos DB, Function Apps, Blob Storage)**, **cloud-native architectures, CI/CD pipelines, and GitHub workflows**. **AZ-900 certified** with strong front-end foundations via the **Frontend Web Development Certificate Program (Thinkful – Chegg Skills)**. Focused on clean code, collaboration, and continuous improvement.



EMPLOYMENT HISTORY

Software Developer at Lennar, Miami

Aug 2023

Build and maintain web applications using React and NestJS:

- Designed and developed a production-grade web application using **React, Redux, Material UI, and NestJS** to manage a large catalog of residential construction plans for a national homebuilder.
- Implemented complex, form-driven workflows to create, edit, duplicate, hide, and manage plans with dozens of configurable attributes and validations.
- Built multiple data visualization views, including a **list-based view** supporting bulk editing, bulk export (Excel/PDF), plan duplication, and visibility controls, and a **card-based comparison view** for side-by-side plan comparison, favoriting, and access to floorplans and renderings.
- Developed state-heavy features with **Redux** to support real-time UI updates, bulk operations, favorites, and cross-view synchronization.
- Integrated document generation features enabling users to export selected plans to **Excel and PDF** formats.
- Built and documented **RESTful APIs using Swagger decorators**, ensuring consistent contracts between frontend and backend systems.
- Implemented plan visibility (“hidden”) functionality through new backend endpoints and coordinated data updates.

Worked with Azure services including Cosmos DB, Blob Storage, and Function Apps:

- Developed **NestJS backend services** integrated with **Azure Cosmos DB** to support plan lifecycle management, visibility controls, and persistence of AI-generated metadata.
- Architected and implemented **Optimistic Concurrency Control (OCC)** using the Cosmos DB **_etag** property, designing the validation logic from scratch and enforcing concurrency checks across all write operations to prevent conflicting updates in multi-user scenarios.
- Built an **AI-assisted document ingestion feature** where uploaded PDFs are processed by external AI services (AWS), with extracted plan attributes persisted in Cosmos DB.
- Leveraged **Cosmos DB Change Feed and Azure Function Apps** to trigger near real-time notifications and frontend updates once AI processing completes.

CI/CD workflows and source control using Azure DevOps and GitHub

- Actively participated in **CI/CD workflows using Azure DevOps**, supporting deployments by reviewing, validating, and approving pull requests prior to release.
- Collaborated closely with the team tech lead during deployments, identifying required changes, requesting improvements, and ensuring code quality before promotion to higher environments.

- Contributed to configuring and maintaining **Azure DevOps Pipelines**, including the addition and maintenance of **environment variables through Variable Groups**.
- Managed sensitive configuration by adding secrets to **Azure Key Vault** and integrating them into deployment pipelines when required.
- Followed and enforced **GitHub-based workflows**, including feature branching, pull requests, code reviews, and merge strategies.
- Developed strong proficiency with **Git and GitHub commands**, enabling efficient task switching, parallel development, and resolution of merge conflicts without loss of progress.

Software Developer at Quirch Foods, Miami

Feb 2022 — Jul 2023

- Contributed to the development and maintenance of the company's **core ERP system**, built with **.NET and WPF**, supporting end-to-end operations across sales, purchasing, accounting, and other departments.
- Designed and implemented **new user interfaces** for ERP modules, including functionality to **export invoices and transactional data to Excel** for operational and reporting needs.
- Developed calculation-focused interfaces and logic to support **accounting workflows**, ensuring accuracy and alignment with business rules.
- Investigated and resolved **bugs and system issues**, improving overall system reliability and user experience for internal teams.
- Worked extensively with **Microsoft SQL Server**, developing and maintaining **stored procedures** that supported core ERP functionality, including complex business calculations based on transactional data. Added new fields to existing database schemas and updated queries and procedures to align with evolving business requirements, requiring a strong command of **SQL** and close alignment with application logic.

Software Developer at Plexus Consultants, Miami

May 2021 — Oct 2021

- Contributed to the maintenance and enhancement of a web application built with the **Yii framework**, implementing updates to existing interfaces and supporting ongoing system improvements.
- Worked with **MySQL** to manage application data, including updating user attributes and provisioning access for newly hired users based on role and permissions.
- Designed and implemented an **automated daily database backup solution** on Linux server using **crontab scripts**, transferring backups via **FTP** to a remote server in a different country to ensure data redundancy and prevent data loss.



EDUCATION

Software Engineer Bachelor, Universidad Tecnológica de la Habana Jose Antonio Echeverría, Havana, Cuba

Sept 2012 — Sept 2017

Title evaluated by *Josef Silny and Associates* (www.jsilny.org) in the **Foreign Credential Evaluation**, obtaining the equivalent of **Bachelor of Science in Information Technology**.

Frontend Web Development, Chegg Skills

Nov 2023 — Feb 2024

Frontend Web Development Certificate Program.

AZ-900: Azure Fundamentals, Microsoft

Sept 2024



REFERENCES

- References available upon request