DIEGO HERNAN LIASCOVICH

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Technical portfolio on GitHub https://github.com/padie78
Technical Writer – Dev.to Community https://dev.to/padie78

PROFILE

Full Stack Developer with over 15 years of experience designing and developing scalable, high-performance web applications across diverse industries.

Specializing in **Angular, Node.js, Python, Rust, and .NET,** with deep expertise in building microservices-based architectures, applying Clean Architecture principles, and ensuring secure, reliable codebases.

Proficient in modern **DevOps** practices, containerization with **Docker**, orchestration with **Docker Compose**, and CI/CD pipelines. Strong advocate for automated testing, code quality, and agile methodologies.

Comfortable leading projects from scratch or joining mature codebases, collaborating closely with cross-functional teams, and mentoring junior developers.

TECH STACK

- **Programming Languages:** TypeScript, JavaScript, Python, Rust, C#, SQL
- **Frontend:** Angular (v2–20), HTML5, CSS, Bootstrap 5
- **Backend:** Node.js (NestJS, Express), Rust (Axum), .NET Core (7,8), Python (Flask).
- **Architecture:** Microservices, Clean Architecture, REST APIs, gRPC, GraphQL, WebSockets
- **DevOps**: Docker, Docker Compose, Portainer, Kubernetes, Azure DevOps, Git
- **Cloud & Infra:** AWS (S3, EC2, RDS, DynamoDB, ECS, Lambda)
- **Databases:** PostgreSQL, MongoDB, SQL Server, Redis

EDUCATION

Bachelor's Degree in Computer Science
Palermo University — 2009–2011

Systems Analyst
ORT Argentina — 2005–2008

PROFESSIONAL EXPERIENCE

Shaam for Matrix – Senior Full Stack Developer
Dec 2022 – Present
- Led the development of a government tax service web app using Angular (v11–17) and .NET Core 7
- Applied Clean Architecture, Docker, and Azure DevOps for scalable delivery

- Collaborated with UI/UX and backend teams to deliver production-ready features
- **Reference:**
    - Shai Fadlon
    - Team Leader
    - Phone: +50-620-6835

Logical Commander – Senior Software Developer
Apr 2019 – Jan 2022
- Developed key product features using Angular 7 and .NET APIs.
- Participated in the full software development lifecycle, from UI design to backend service implementation.

COTO – Senior Backend Engineer
Aug 2013 – Mar 2018
- Built and maintained an eCommerce backend using .NET (WCF), Python Flask, Node.js, and Redis
- Designed scalable solutions for product catalog, orders, and inventory

TERNIUM – BI Software Developer
May 2011 – Aug 2013
- Developed and tested ETL pipelines with SSIS to load data from various sources

Telecom Personal – NET Software Developer
Nov 2008 – May 2011
- Developed and maintained internal web applications for customer services

CODE LAB (GitHub: padie78)
Hands-on personal projects exploring clean architecture, microservices, reactive frontend design, and secure backend communication.

- **GreenPulse -** Smart irrigation platform that integrates IoT sensors, MQTT messaging, and cloud APIs to automate water control, improve resource efficiency, and support real-time decision making for agriculture..
- **MindTrackCrm -** CRM for psychologists to manage patients, sessions, clinical notes, and track progress, using Angular, NestJS, PostgreSQL, and Clean Architecture principles.
- **Sales Microservices System** – Clean Architecture with NestJS, RabbitMQ, PostgreSQL, Angular 18, and Express Gateway.
- **Protochain** – Educational full-stack blockchain app with JWT authentication and digital signature validation.
- **Clean Angular App** – Modular Angular 17 application using Clean Architecture principles.
- **Chat App** – Real-time chat using WebSockets with Angular and Node.js.
- **Orders & Payments App** – Angular 18 app built with Signals and Atomic Design for reactive UI architecture.

COURSES

- **Mastering the Rust Programming Language** — Udemy | 27 hours
- **Embedded Rust for Absolute Beginners** — Udemy | 23 hours
- **Microservices Architecture and Implementation with .NET** — Self-paced | 28.5 hours
- **Software Architecture for Large-Scale Systems** — Udemy | 8 hours
- **Complete JavaScript Beginner Tutorial** — Udemy | 52 hours
- **Cloud Computing & Software Architecture Patterns** — Udemy | 4.5 hours
- **DevOps with Docker, Kubernetes, Jenkins Pipelines, CI/CD** — Udemy | 16.5 hours
- **Microservices Development with .NET 8** — Udemy | 28.5 hours
- **Angular Bootcamp** — Udemy | 45.5 hours
- **Python Programming** — INT College | 170 hours
- **Cloud Architecture Patterns** — Udemy | 4.5 hours
- **T-SQL Querying (Course ID 1078/77)** — John Bryce | 28 hours
- **Software Architecture** — UTN University | 60 hours
- **Microsoft SQL Server 2005 Implementation** — IT College | 48 hours
- **Programming Languages:** Rust, TypeScript, Python, C#