

Davi Baratto

Backend Developer | Software Engineer

João Pessoa, Brazil | davibto1427@gmail.com

github.com/davibto | linkedin.com/in/davi-baratto-b656542aa

Professional Summary

Backend Developer with experience in **Node.js, TypeScript, NestJS, Express, and PostgreSQL**, working on the development and maintenance of **REST APIs** and web applications. Experienced in data modeling, authentication and authorization, data validation, Docker, and service integrations. Computer Science undergraduate at **Federal University of Paraíba (UFPB)**, with the ability to work across different technology stacks and **fluent English**.

Experience

Software Developer – Inovatec-JP

2025 – Present

- Development and maintenance of backend APIs and services using **Node.js, TypeScript, NestJS, Express, PostgreSQL, and Prisma ORM**.
- Implementation of **business rules, authentication, role-based access control (RBAC)**, and data validation in real-world software projects.
- Relational database modeling and integration, report generation, file handling, and integrations between applications and external services.
- Use of **Docker, Git/GitHub, and API documentation** throughout development, maintenance, and code review workflows.

Backend Developer – SAIL, Social Artificial Intelligence Lab

2024 – Present

- Development of data pipelines and integration of **Machine Learning** models with backend applications.
- Development of services for data processing and exposing AI model predictions to other applications.

Selected Projects

Pokelist – Pokémon TCG Platform

- Backend development with **NestJS and TypeScript**, including data persistence, business rules, and **Generative AI** integration for identifying cards from images.

Meepple – Matchmaking SaaS Platform

- Backend development integrated with **PostgreSQL/PostGIS**, implementing business rules and handling geographic data, location information, and user profiles.

ComicVault – Self-Hosted Comic Library and Reader

- Evolution of a full-stack application based on **ASP.NET Core/.NET, Angular, EF Core, and SQLite**, working with a larger existing codebase and preparing the application for self-hosted deployment.

Education

- **B.Sc. in Computer Science** – Federal University of Paraíba (UFPB) 2022 – Present
- **International High School Diploma** – Keystone High School 2017 – 2020

Technical Skills

- **Backend:** TypeScript, Node.js, NestJS, Express, REST APIs, Webhooks, Authentication, JWT, and RBAC.
- **Databases:** PostgreSQL, PostGIS, MongoDB, Prisma ORM, SQL, and Oracle SQL.
- **Infrastructure & Tools:** Docker, Git/GitHub, Swagger/OpenAPI, Zod, MinIO, and S3-compatible object storage.
- **Frontend:** React, Next.js, and TailwindCSS.
- **Software Engineering:** SOLID, Clean Code, Design Patterns, and API Integration.
- **Languages:** Portuguese – Native | English – Fluent.