Guilherme Nunes



Software Developer | Backend and Full Stack

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PROFILE

Software developer focused on backend engineering, with hands-on experience in Java/Spring Boot, C#/ASP.NET Core, and integration with web and mobile applications. Building REST APIs, JWT authentication, SQL persistence, tests, and documentation. Currently studying Systems Analysis and Development at FIAP, with graduation expected in November 2026.

FEATURED PROJECTS

Carbon API | Emissions Management

C# · ASP.NET Core 8 · EF Core · Oracle · MongoDB

REST API for emissions calculations, product footprints, supplier rankings, and dashboards. JWT authentication, pagination, Swagger, and xUnit tests. MongoDB migration in progress, including a five-collection data model and scripts for validation, indexes, and data loading.

AguiaX | Ideas and Project Management

Java · Spring Boot · MySQL · Flyway · Kotlin

Backend with CRUD operations, business rules, and relationships between ideas, projects, and votes. Database migrations with Flyway and REST integration with an Android application built with Kotlin and Jetpack Compose.

VibeSofa | Movie Recommendations

Kotlin · Spring Boot · PostgreSQL · Flyway

Individual project currently in development, focused on movie recommendations based on mood and preferences. Backend includes user registration, validation, error handling, and persistence; development of the Android application and integration with a movie catalog.

PROFESSIONAL EXPERIENCE

Full Stack Developer | P1Grid

I.Tech | Freelance | 12/2025 - 09/2026

Collaborated with a team to deliver P1Grid, a Formula 1 prediction platform in production with real users. Developed business logic and responsive interfaces using Ruby on Rails, PostgreSQL, and Tailwind CSS, including prediction deadlines, rankings, and scheduled emails.

Software Engineering Trainee

Kreativstorm | 08/2024 - 09/2024 | Remote, Germany

Planned the MoneyQuest financial application, analyzed APIs, and assessed architecture, privacy, and security in software projects.

EDUCATION

MBA in Software Engineering

USP/Esalq | MBA
10/2026 - expected completion in 07/2028

Systems Analysis and Development

FIAP | Undergraduate Technology Degree
02/2025 - expected completion in 11/2026

Full Stack Web Development

Le Wagon | Bootcamp
04/2024 - 06/2024 | São Paulo, Brazil

COURSES & CERTIFICATIONS

- **Applied Data Science**
  Bayswater London | 07/2026
- **Create REST APIs with Spring & Java**
  Codecademy | 08/2025
- **Java Fundamentals**
  FIAP | 03/2025
- **Java Programming I and II**
  University of Helsinki | 02-03/2025
- **JavaScript Unit Testing**
  Codecademy | 12/2024
- **JavaScript Algorithms and Data Structures**
  freeCodeCamp | 08/2024

TECHNICAL SKILLS

Backend

Java · Kotlin · C#
Spring Boot · ASP.NET Core
Spring Data JPA · EF Core
REST APIs · JWT
Node.js · Ruby on Rails

Frontend and mobile

React · Next.js · TypeScript
JavaScript · HTML · CSS
Android · Jetpack Compose

Data

PostgreSQL · MySQL · Oracle
MongoDB · SQL · PL/SQL · Flyway

Quality and tools

xUnit · automated testing
Swagger/OpenAPI · Postman
Git/GitHub · Docker · Linux
Scrum

LANGUAGES

Portuguese	Native	● ● ● ● ●
English	C1	● ● ● ● ○
German	C1	● ● ● ● ○

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