

LIAM VAN DEN BERG

Junior C#/.NET Developer | Backend Focus

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PROFESSIONAL PROFILE

Entry-level C#/.NET developer focused on backend application development, with hands-on project experience building an ASP.NET Core Web API backed by PostgreSQL. Familiar with Entity Framework Core, LINQ, REST API design, authentication, business logic and automated testing, with additional practical experience building a React/Next.js portfolio website.

TECHNICAL SKILLS

Languages & Backend: C#, .NET 10, ASP.NET Core Web API, REST APIs, dependency injection, service-based architecture

Data & Testing: Entity Framework Core, LINQ, PostgreSQL, relational data modelling, migrations, SQL (foundational), xUnit, SQLite in-memory testing

Frontend: React, Next.js, TypeScript, Tailwind CSS

Tools & IT: Git/GitHub, GitHub Actions, Docker Compose, Windows, Linux, Cisco CLI, Wireshark

Professional Skills: Problem-solving, troubleshooting, customer service, technical support

PERSONAL PROJECTS

Barkley & Mewton - Business Web Application C#, .NET 10, ASP.NET Core, EF Core, PostgreSQL

Backend API for a business platform covering pet-grooming bookings, an online shop and administrative workflows.

- Built REST API functionality with ASP.NET Core, separating controllers from business logic through service classes and dependency injection.
- Integrated PostgreSQL through Entity Framework Core, using LINQ for data queries and maintaining entity relationships and database migrations.
- Implemented booking availability, duration and pet-specific pricing rules, including multi-pet and recurring appointments, alongside product and order workflows.
- Implemented authentication with JWT access tokens, refresh-token rotation, password hashing and email verification; added xUnit tests using SQLite in-memory and automated .NET build/test checks through GitHub Actions.

Personal Portfolio Website Next.js, React, TypeScript, Tailwind CSS [GitHub](#)

- Built and debugged a personal portfolio site using reusable React components, Next.js App Router, TypeScript and Tailwind CSS, with interactive navigation and an email-copy feature.

EXPERIENCE

Pupachinos

Management

Centurion, Gauteng

2025 - Present

- Manage inventory, kitchen operations and customer service; maintain business computer hardware and software and troubleshoot day-to-day technical issues.

Barkley & Mewton

Pet Groomer

Centurion, Gauteng

2021 - 2025

- Washed, dried and groomed pets, and handled general maintenance tasks including plumbing and light electrical work.

Freelance Video Editor

Video Editor

Remote

2019 - 2020

- Processed customer audio/video files using non-linear editing systems and maintained organized digital file storage.

EDUCATION & PROFESSIONAL DEVELOPMENT

Hoërskool Zwartkop

Centurion, Gauteng

Graduated 2018 · C#/.NET development through Dometrain and independent study (ongoing)

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

Cisco · July 2025

Valid South African Driver's Licence