Vitor Ames de Carvalho

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Professional Summary

Recent Computer Science Graduate with a strong foundation in full-stack software development. Proficient in building modern web applications with **React** and **JavaScript**, alongside robust backend services using **C#/.NET Core**. Experienced in **API development**, database management, and cloud technologies. A proactive learner committed to writing clean, scalable code and growing within a collaborative team environment.

Technical Skills

Frontend: React, JavaScript, TypeScript, HTML5, CSS, Next.js
Backend: C#, .NET Core, Node.js, RESTful APIs
Databases: PostgreSQL, SQL Server, MongoDB, Entity Framework
Cloud & DevOps: Azure, AWS, Docker, Git, CI/CD
Methodologies: Agile, Scrum, Unit Testing, Component-Based Design

Professional Experience

Food and Beverage Attendant (Part-Time)   Waikato, New Zealand
Jet Park Hotel Hamilton Airport   Aug. 2025 – Present
4-star airport hotel with an on-site bistro and bar.

- Managed complex, time-sensitive service workflows for up to 20+ guests, demonstrating exceptional time management and process efficiency.

- Acted as a critical communication link between kitchen and front-of-house, ensuring seamless delivery and resolving customer issues in real-time.

Technical Support Technician / Development Trainee (Full Time)   Chapecó, Brazil
Angellira (Logistics Software Solutions)   Nov. 2021 – Dec. 2022
Brazilian technology company focused on GPS tracking and logistics platforms.

- Started as Level 2 Technical Support, resolving advanced customer issues and performing database queries and modifications to troubleshoot problems.

- Transitioned to Software Development after a short period, contributing to development tasks including **C#/.NET API** documentation, **SQL** query optimization, and backend system improvements.

- Participated in **Scrum** dailies and collaborated with the development team to deliver features and maintain system reliability.

- Gained hands-on experience with **relational databases**, backend systems, and Agile development workflows.

Junior Software Developer (Low Code) (Part Time)   Chapecó, Brazil
Eisenh Software   Mar. 2021 – Sep. 2021
Startup developing a productivity platform using Bubble.io (low-code platform).

- Collaborated with a team of 3 developers to build and deploy features for a productivity application using **Bubble.io**, managing both platform workflows and database design.

- Implemented custom **JavaScript** and **HTML/CSS** integration, and integrated **payment APIs** to enable monetization of the application.

- Administered database structure and wrote **SQL-driven queries** to optimize data handling and application performance.

Projects

Nonogram Game Web App   New Zealand
Personal Project — Full-Stack Developer   Jan. 2025 – Feb. 2025
nonogram404.onrender.com

- Built a full-stack Nonogram puzzle game with JWT authentication and user accounts.

- Created a responsive UI with **Next.js** and **React (TypeScript)**, demonstrating strong component design and modern web development practices.

- Implemented **RESTful API endpoints** for user authentication, game state, and data persistence using a Node.js backend.

AppSketch — Mini AI App Builder   New Zealand
Personal Project — Full-Stack Developer   Dec. 2024 – Present
appsketchai.onrender.com

- Architected an AI-powered system that transforms natural-language descriptions into structured UI requirements.

- Built a modern web application frontend using **React** and **Vite** to consume external **RESTful APIs**.

- Designed a modular, scalable architecture with a focus on secure software development best practices.

Education

University of Waikato   Waikato, New Zealand
Bachelor of Science in Computer Science   Feb. 2023 – Nov. 2025
Related Coursework: Data Structures & Algorithms, Web & Mobile Development, OOP, Machine Learning, AI.

Activities

Sessional Assistant (Tutor)   Waikato, New Zealand
University of Waikato   Feb. 2024 – Present

- Tutored and mentored students across multiple CS and Engineering courses including **JavaScript**, **C#**, C++, Python, Java, and MATLAB, focusing on core software engineering principles and best practices.

- Provided one-on-one and group support for debugging complex code, code review, assignment guidance, and technical problem-solving across various programming paradigms.

- Reinforced understanding of fundamental computer science concepts including data structures, algorithms, and object-oriented design through collaborative learning sessions.