DAVI LUIS SANTOS COSTA
Full Stack Developer

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MAIN SKILLS

Portfolio | **.NET Core – ASP.NET Core – Next – React – Express – Node.Js – Sql**

PROFESSIONAL EXPERIENCE

SEGMIX PRO   **Rio de Janeiro, RJ**
Junior Full Stack Developer   **(07/2023 - Present)**
Programming Intern   **(02/2023 - 06/2023)**

I developed scalable and secure systems using Node.js (Express) and C#, focusing on microservices and clean code to ensure high performance and maintainability. I created high-performance RESTful APIs and responsive interfaces with React, Next.js, and TailwindCSS, prioritizing user experience and operational efficiency.

- I developed a server to manage devices and process real-time readings using Express and SQLite (Sequelize).
- I automated visitor registration with a WhatsApp chatbot, integrating facial recognition and reducing registration time by 30%.
- I developed an access control server using WebSockets and Firebird, processing real-time readings and increasing system reliability by 25%.

Highlighted Projects:

- **LPR Camera-Based Access Control Server**
  - Developed a server to manage devices and process real-time readings using Express and SQLite (Sequelize).
  - Integrated legacy systems with Firebird, ensuring compatibility and stability.
  - Implemented a WebSockets monitor for instant tracking, reducing response time by 20%.
- **WhatsApp Chatbot for Facial Registration and Visitors**
  - Automated visitor and resident registration with facial recognition, integrating Meta's official API.
  - Designed an efficient RESTful API following clean code principles and created a distributed client-server system for multiple simultaneous connections.
  - Reduced registration time by 30%, improving user experience and operational efficiency.
- **Visitor Control System Migration (PHP to Node.js)**
  - Led the modernization of a legacy system, migrating from PHP to Node.js (Express), improving performance by 40%.
  - Modeled the database in Firebird, implemented JWT for secure authentication, and developed the front-end with Next.js and TailwindCSS.
  - Utilized WebSockets for real-time communication, ensuring a more dynamic and responsive experience.
- **Installer and Watchdog for Process and Service Control**
  - Developed a C# solution with WPF for automated installation and continuous monitoring of critical processes.
  - Implemented a watchdog to prevent failures and ensure stability, reducing downtime by 15%.
  - Increased the reliability of access control systems, ensuring uninterrupted execution.

MLS WIRELESS   **Rio de Janeiro, RJ**
Internship in Help Desk Support   **(08/2022 - 01/2023)**

- Answered support calls and resolved issues related to services offered by the company, including internet, email, domains, and VoIP.
- Identified and resolved technical problems associated with MLS services.
- Provided customer support in a clear and professional manner through various communication channels.
- Documented support calls accurately and maintained up-to-date records.
- Participated in training to enhance technical knowledge and customer service skills.
- Monitored and maintained the company's systems and equipment.

EDUCATION

UNIAMERICA   **(IN PROGRESS)**

Bachelor's in Computer Science   **2023 - 2026**

UNISUAM   **(COMPLETED)**
Associate's Degree in Systems Analysis and Development   **2022-2024**

INSTITUTO MONITOR   **(COMPLETED)**
Technical Degree in Mechatronics   **2023-2024**

COLEGIO PEDRO II   **(COMPLETED)**
Technical Degree in Systems Development   **2018-2022**

SKILLS

- **Web Development** - I'm a web programmer focused on back-end, especially using the Node.js environment. My skills include:
- **Node.js:** Advanced experience in back-end development using Node.js. Capable of creating robust APIs, managing dependencies with npm, and implementing scalable solutions.
- **Express.js:** Proficient in the Express.js framework for rapid and efficient web application development in Node.js, facilitating the creation of routes, middleware, and database integration.
- **C# and .NET:** Back-end development using C# and .NET, including API creation, business logic implementation, and database integration.
- **Databases:** Knowledge of relational databases such as MySQL and PostgreSQL. Skilled in designing efficient database schemas and executing optimized queries.
- **Front-end:** Solid experience in developing responsive user interfaces using modern frameworks like React and Vue.js. Capable of creating intuitive and engaging user experiences.
- **APIs RESTful:** Development and consumption of RESTful APIs, ensuring efficient communication between front-end and back-end.
- **Version Control:** Use of version control systems like Git to efficiently manage source code and collaborate on team projects.
- **Communication Protocols:** Proficiency in major communication protocols. Highlights include HTTPS with TLS 1.3, SSH, and MIKROTIK.
- **Network Virtualization:** Experience in implementing and managing virtual networks using technologies like VMware and VirtualBox.
- **Network Security:** Familiarity with network security practices, including firewalls, intrusion detection, and vulnerability analysis.

COURSES

- More than 50 complete courses on LinkedIN Learning, including: Career Essentials in Software Development by Microsoft and LinkedIn - Microsoft
- Certifications: Javascript (Basic) - HackerRank, Programming Basics - Descomplica Faculdade Digital, Career Essentials in Software Development by Microsoft and LinkedIn - Microsoft