

## Matheus Neves Soares Pereira

Rio de Janeiro - RJ | Botafogo

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**OBJECTIVE:** To work in **Software Engineering** or **Cybersecurity**, applying technical knowledge in system development, network traffic analysis, and data protection, contributing to innovative solutions in corporate and research environments.

### SUMMARY OF QUALIFICATIONS

- Bachelor's degree in **Software Engineering** from the **University of Canberra (Australia)**, with a major in **Cybersecurity**.
- Hands-on experience in **network traffic analysis**, **information security**, and **application development**.
- Participation in academic and personal projects focused on **generative AI integration**, **distributed systems**, and **responsive web applications**.
- Agile teamwork (Scrum), **code versioning with GitHub**, and **delivery of scalable solutions**.
- Effective communication in both **English and Portuguese**, developed through four years of residence in Australia.

### EXPERIENCE

- **AI and Robotics Development Intern | Jul 2024 – Nov 2024**  
Project: "A Series of Beta Tests" – Robot De Niro
  - Developed an **interactive generative AI platform** for a theatrical robot.
  - Technologies used: **Python 3.12**, **GPT-4 (OpenAI API)**, **Whisper (ASR)**, **Eleven Labs (TTS)**, **React Native**, **VTube Studio**.
  - Key achievements:
    - Implemented a **real-time improvisation pipeline**, reducing latency from 7.5s to 4.2s (perceived 1.3s).
    - Developed modules for **UI/UX**, **Android app integration**, and **digital avatar (VTuber) creation**.
    - Integrated APIs for **speech recognition**, **voice synthesis**, and **improvised responses**.
  - **Outcome:** Prepared the robot for a public performance at the **Questacon Science Museum (Australia)**, showcasing innovation in **human-robot interaction**.

### ACADEMIC AND PERSONAL PROJECTS

- **Secure Network Infrastructure Deployment (UC)**
  - Configured a corporate network using **Windows Server 2019**, **Linux Ubuntu**, and **Windows 10**.
  - Implemented **Active Directory**, **DNS**, **DHCP**, **VLANs**, and **firewall policies**.
  - [View Project Report](#)
- **Interactive Portfolio with React and Animations (Personal)**
  - Built a **responsive portfolio website** using **React + Framer Motion**, deployed via GitHub Pages, with **multilingual support** and **project integration**.
  - [Visit Portfolio](#)
- **Church Website – INV Botafogo (Personal)**
  - Developed a **modern, interactive, and responsive institutional website** using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**.
  - Created **dynamic data integration** via GitHub API and **automated CI/CD** with GitHub Actions.
  - Real-world project combining **technology and community purpose**.
  - [View Repository](#)

## EDUCATION

- **Bachelor of Software Engineering** – Completed Dec/2024  
*University of Canberra (UC), ACT – Australia*
  - *Grade Point Average (GPA): 5,67/7 - equivalent to 8.1/10 (overall average across all courses)*

## TECHNICAL SKILLS

- **Programming & Development**
  - Python (Intermediate) | Java (Intermediate) | C# (Basic)
  - Front-end: HTML, CSS, JavaScript, React (Intermediate)
  - .NET MVC (Intermediate)
- **Security & Networking**
  - Network traffic analysis | Firewalls | Active Directory
  - Information Security | Automation & Networking
- **Tools & Methodologies**
  - Git/GitHub | Agile & Scrum | Virtualization (Windows/Linux VMs)
  - APIs (OpenAI, Eleven Labs, Whisper) | React Native | VTube Studio

## ADDITIONAL INFORMATION

- **Microsoft Certified: Security, Compliance, and Identity (SC-900)** – Microsoft, Mar/2025
- **SAP BTP + S/4HANA in Practice** – Lab2Learn, Feb/2025
- **Introduction to Mobile Development** – Meta, Feb/2023