PAULO MATEUS DOS SANTOS SILVA

Software Engineer and Junior Cybersecurity Analyst

pm.mats98@gmail.com | (82) 99914-6087
LinkedIn: linkedin.com/in/paulomatsdev/
GitHub: github.com/paulomats
Portfólio: paulomats.github.io

❖ PROFESSIONAL SUMMARY

Full Stack Developer with over **2 years** of experience in **back-end** and **front-end**, specialized in scalable and secure solutions. Proficient in Node.js, TypeScript, React.js, Next.js and Nest.js, with knowledge of **cybersecurity practices** (OWASP Top 10, LGPD) and **security integration** in SDLC. Experience in projects for the public and private sectors, including critical systems for city halls, with a focus on compliance and data protection. Improving my skills in **cybersecurity**, through **Google's professional certification** in the area and applying security concepts in development *(e.g.: JWT authentication, encryption, log analysis)*.

❖ ACADEMIC BACKGROUND

➢ **Bachelor's in Software Engineering - *Estácio - UNESA*** *(July 2024 – December 2028)*

• Focused on developing **complex systems**, covering algorithms, data structures, software architecture, information security, and agile methodologies.

❖ CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

➢ **Full Stack Development** - *Trybe* *(March 2023 – October 2024)*

• Over **1,500 hours** of training in web development *(front-end and back-end)*, computer science, and soft skills. Participated in **over 25 individual and team practical projects**.

• **Technologies**: TypeScript, Python, React.js, Node.js, Express, Next.js, Nest, Jest, Docker, Git, SQL & NoSQL, Algorithms, and Data Structures.

➢ **Google Cybersecurity Professional Certificate** (June 2024 – March 2025)

Course covering cybersecurity fundamentals, including:

- Vulnerability identification and risk analysis.
- SIEM tools (e.g. Splunk, Chronicle), basic pentesting and log analysis.
- Compliance with frameworks such as NIST, ISO 27001 and LGPD/GDPR.
- Security practices in networks, systems and applications.

Knowledge: LGPD/GDPR, OWASP Top 10, Risk Analysis, Systems Hardening.

❖ PROFESSIONAL EXPERIENCE

➢ Back-End Developer | Sumé Tecnologia (Remote – September 2024 – Present)

• Developed and maintained back-end systems using **Node.js**, **Nest.js**, **Express**, **PostgreSQL**, **Prisma**, **Swagger** and **Docker**.

• Contributed to the development of: **Sonar**, an integrated system for the **Rio de Janeiro City Hall** *(RJ - Brazil)*, facilitating public access to information and services, allowing the population to submit requests, complaints, and report issues, abuses, and anonymous denunciations.

• Fixed longstanding **WebSocket** bugs, restoring and optimizing real-time communication and log monitoring for **Mdotti's Zboox servers**. Contributed to developing its internal platform for managing machines, achieved a **30% improvement** in system performance through migration from WebSocket to gRPC.

• Implemented critical real-time communication features via **WebSocket**, later leading the migration to **gRPC** to enhance performance and scalability.

• Worked with agile methodologies (Scrum, TDD, XP) and continuous integration using Azure DevOps.

➢ Software Engineer | Mats Tecnologia (Hybrid – June 2023 – January 2025)

• Full-stack development focusing on **Node.js**, **Nest.js**, **PostgreSQL**, **Prisma**, **Docker**, **React.js**, and **Next.js**.

• Created **responsive and scalable solutions** for clients, developing internal tools that increased client revenue and simplified daily workflows.

• Played a key role in developing **native Android** apps using **Kotlin** and **Java**.

• UX/UI design with a focus on responsiveness, using Figma, Bootstrap, Tailwind CSS, Canva, Photoshop, Adobe Premiere, and Adobe Illustrator.

• Contributed to high-impact projects, delivering optimized performance and ensuring cross-platform compatibility. Increased client revenue by 15% through development of internal tools that streamlined workflows.

➢ Full-Stack Developer | PIBTV (Hybrid – September 2024 – Present)

• **I Led the full-stack development** of a web application for the church, handling front-end and back-end using **TypeScript, Node.js, Nest.js, PostgreSQL, Prisma, React.js,** and **Next.js.**

• Built a comprehensive system enabling user registration and providing an admin panel to manage church expenses, donations, and financial data.

• Improved operational efficiency by automating key processes and ensuring secure data handling in compliance with **General Data Protection Law** (LGPD - Brazil).

➢ Front-End Developer | Hub Lar (Remote – September 2024 – November 2024)

• Planned and developed the Hub Lar website using HTML, CSS, and JavaScript.

• Designed responsive interfaces, contributing to the digital growth of a social enterprise, an NGO transforming the lives of underprivileged residents In Sorocaba, São Paulo, Brazil.

• Website live at: hublar.net.

➢ **Graphic Designer UX/UI | Mats Designer** (Hybrid – June 2019 – January 2024*)*

• Over **4 years of experience** delivering high-quality graphic design solutions for banners, website layouts, and social media posts.

• Collaborated with over 20 clients, creating impactful branding materials and landing pages.

• Managed social media for a gym for 2 years, increasing client acquisition and profits through strategic content and campaigns.

• **Tools**: Figma, Photoshop, Illustrator, CorelDRAW, Adobe Premiere, Sony Vegas.

❖ TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, C#, Kotlin.

- **Frameworks/Libraries:** React.js, Next.js, Nest.js, Angular, Vue.js, Jest, ConnectRPC.

- **Cybersecurity:** SIEM (Splunk), Pentesting Básico (Burp Suite), Kali Linux, LGPD/GDPR.

- **Tools/Platforms:** Node.js, .NET, Docker, Git, SQL Server, MySQL, PostgreSQL, PrismaDB, Azure DevOps, Linux, GitLab, Github, XML, WebSocket e gRPC.

❖ SOFTS SKILLS
- Effective Communication
- Collaboration and Teamwork
- Self-Management and Organization
- Problem-Solving
- Adaptability
- Critical Thinking
- Proactivity
- Emotional Intelligence
- Continuous Learning
- Conflict Resolution

❖ LANGUAGES

• **Portuguese:** Native**.**

• **English:** Intermediate (reading and communication).

• **Spanish:** Intermediate (reading and communication).