

# PAULO MATEUS DOS SANTOS SILVA

Software Engineer and Junior Cybersecurity Analyst

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## ❖ PROFESSIONAL SUMMARY

Full Stack Developer with over **3 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*).

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## ❖ ACADEMIC BACKGROUND

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

- Estácio's **Software Engineering** course lasts **4 years** and focuses on training students to **design, develop, test and maintain** complex software systems. The curriculum covers fundamental subjects such as algorithms, data structures, requirements engineering, software architecture, testing and quality, as well as advanced topics such as information security, project management and agile methodologies. The goal is to train professionals capable of developing efficient, scalable and secure solutions for the technology market.

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## ❖ 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.

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## ❖ PROFESSIONAL EXPERIENCE

### ➤ Full Stack Developer | Dourado Cash (Remote – February 2025 – CURRENT)

- Full-Stack development of hybrid solutions with TypeScript, Node.js, Nest.js, React.js, Nest.js.
- Front-end web development with React.js, Next.js, CSS, Tailwind and Styled Components.
- Implementation of cloud services (AWS) and DevSecOps practices for continuous security.
- Creation of automated tests (unit, integration) and application of Clean Code/Clean Architecture.
- Collaboration with agile teams (Scrum/Kanban) in the design, delivery and maintenance of high-quality products.
- Integration of RESTfull APIs and microservices, in addition to CI/CD optimization for efficient deployments.
- Creation/Validation of UX/UI Layouts with Figma.

### ➤ Back-End Developer | Sumé Tecnologia (Remote – August 2024 – February 2025)

- 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 – June 2024 – December 2024)

- **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 2022 – January 2023)

- 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](https://hublar.net).

➤ **Graphic Designer UX/UI | Mats Designer** (Hybrid – June 2019 – November 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.

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## ❖ 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.
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## ❖ SOFTS SKILLS

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

- **Portuguese:** Native.
- **English:** Intermediate (reading and communication).
- **Spanish:** Intermediate (reading and communication).