

PAULO MATEUS DOS SANTOS SILVA

Engenheiro de Software - Back-End | Full Stack

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Portfólio: paulomats.github.io

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.

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.

PROFESSIONAL EXPERIENCE

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

- Developed and maintained back-end systems using **Node.js**, **Nest.js**, **Express**, and **SQL Server**.
- 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, achieving **30% better** performance by migrating from **WebSocket** communication 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, C#, .NET, SQL Server, 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.
- Led 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.

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

- 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 LGPD (Brazilian General Data Protection Law).

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

LANGUAGES

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

PROJECTS & PORTFOLIO

- **Full Portfolio:** paulomats.github.io