Esdras Irion do Rosário e Santos

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Education

Tokio School   May 2024 – Present
Course / Program   *Braga*

- **Relevant Coursework:** Data Structures and Algorithms (C++), Probability & Statistics in CS (Python), Intro to CS II (C++), Linear Algebra w/ Computational Applications (Python)
- **Frontend Programming (Completed Feb 2025):** Built responsive applications using HTML, CSS, JavaScript, and React.
- **Python Programming:** Learning OOP, data structures and algorithms, building APIs with Flask, and introductory machine learning.

Experience

Phantom Code   May 2025 – Present
AI-Powered Coding Assistant — Electron, OpenAI API, OCR, Tailwind CSS, React, Nest.js   *Remote*

- Developed a cross-platform Electron desktop app with integrated OCR (80–90% accuracy) and OpenAI APIs to automatically generate code from screenshots.
- Optimized performance and workflows, boosting development efficiency by over 60% for users.

Tarevity   Jan 2025 – Present
Task Management Platform — Next.js 16, React, TypeScript, PostgreSQL (Prisma + Supabase)   *Remote*

- Developed a robust task management system with multi-provider authentication via Better Auth.
- Achieved strong performance metrics, including 99.9% uptime, sub-2-second load times, and a 50% reduction in task creation time.

Zipway   Mar 2025 – June 2025
High-Performance URL Shortener — Next.js, TypeScript, Prisma, Supabase, Docker, Jest, Zod   *Remote*

- Built a scalable URL shortening system with optimized architecture, fast redirection middleware (¡50ms), automated tests (85% coverage), and email notifications via Resend.
- Achieved strong reliability and usage metrics: 100+ monthly requests, 99.8% uptime, and a 70% reduction in bugs.

Nova Horizonte   Nov 2024 – Feb 2025
Corporate Website — React, Tailwind CSS, shadcn/ui, Vite   *Remote*

- Built a responsive website for a construction company with strong SEO and accessibility practices.
- Optimized performance to achieve a 95+ Google Lighthouse score.

Technical Skills

Languages: TypeScript, JavaScript, Python, Go, HTML, CSS
Frontend: React.js, Next.js, Tailwind CSS, SASS, Design System Implementation
Backend: Node.js, Express.js, Nest.js, Flask, FastAPI
Databases & Caching: PostgreSQL, MongoDB, Redis, Supabase
APIs & Auth: RESTful APIs, GraphQL, JWT, OAuth 2.0
Cloud & DevOps: AWS, Docker, CI/CD, Git, GitHub
Testing: Jest, Unit Testing, Integration Testing, E2E Testing
Concepts: Machine Learning, Artificial Intelligence, API Design, Agile Methodologies