Esdras Irion do Rosário e Santos

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🌐 portfolio-esdrassantos06.site

Education

Tokio School   May 2024 – Present

Course / Program   *Remote*

- **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 – Present

High-Performance URL Shortener — Go, Next.js, TypeScript, PostgreSQL (Supabase), Redis, Docker *Remote*

- Built a scalable URL shortening API with Go (Fiber) using Hexagonal Architecture (Clean Architecture), achieving instant redirects (¡1ms cache hits) and sub-5µs session validation through multi-tier caching (local memory → Redis → PostgreSQL).
- Developed Next.js frontend for admin dashboard, user profiles, and link management, with Better Auth integration for secure session validation across both services.
- Optimized performance with local in-memory session cache, reducing link creation time by 50% (from 100-130ms to 50-55ms) and achieving 99.8% uptime with Docker containerization.
- Implemented Redis caching layer, prepared SQL statements, and connection pooling to handle high-traffic scenarios with minimal latency.

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, Vue.js, Angular, Webpack, Vite
Backend: Node.js, Express.js, Nest.js, Flask, FastAPI, Prisma ORM, Sequelize
Databases & Caching: PostgreSQL, MongoDB, Redis, Supabase, MySQL, MariaDB, SQLite
APIs & Auth: RESTful APIs, GraphQL, JWT, OAuth 2.0, OpenAPI, CSRF, XSS, CORS
Cloud & DevOps: AWS, Docker, CI/CD, Git, GitHub
Testing: Jest, Unit Testing, Integration Testing, E2E Testing, Cypress
Concepts: Machine Learning, Artificial Intelligence, API Design, Agile Methodologies, SEO, Accessibility