

# **ESDRAS IRION DO ROSÁRIO E SANTOS**

## **Full Stack Developer**

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**Portfolio:** [portfolio-esdrassantos06.site](http://portfolio-esdrassantos06.site)



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## **PROFESSIONAL SUMMARY**

Full Stack Developer with 1 year of experience in web development, specialized in React, Next.js, JavaScript, TypeScript, Python and Node.js. Proven experience building responsive web applications serving 100+ users. Expert in authentication systems, performance optimization, and RESTful API implementation. Strong knowledge of agile methodologies, clean code principles, and software architecture.

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## **TECHNICAL SKILLS**

### **Programming Languages**

JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, SQL

### **Front-End Development**

- Frameworks: React, Next.js, Next.js, Vue.js
- State Management: React Hooks, Context API, Zustand
- Styling: Tailwind CSS, CSS3, SASS, Styled Components, Responsive Design
- UI Libraries: shadcn/ui, Material-UI
- Build Tools: Vite, Webpack, Turbopack, Babel
- Animation: Framer Motion, CSS Animations

### **Back-End Development**

- Runtime & Frameworks: Node.js, Express.js, Nest.js
- Python Frameworks: Flask, FastAPI, Django
- APIs: REST APIs, Next.js API Routes, GraphQL
- Authentication: Sessions (Cookies), JWT (JSON Web Token), OAuth

## Database Management

PostgreSQL, MongoDB, Supabase, Firebase, Prisma ORM, SQLAlchemy, SQL queries

## Cloud Computing & DevOps

- Deployment: Vercel, Netlify, AWS
- Containerization: Docker, Kubernetes
- CI/CD: GitHub Actions
- Monitoring: Error tracking, Performance monitoring

## Development Tools

- Version Control: Git, GitHub, Git workflows
- Testing: Jest, Cypress, Unit Testing, Integration Testing
- Code Quality: ESLint, Prettier, Code reviews
- Package Managers: npm, yarn, bun

## Methodologies

Agile, Scrum, Kanban, Clean Code, SOLID Principles, Test-Driven Development (TDD)

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## PROFESSIONAL EXPERIENCE

December 2024 – Present

### Phantom Code - AI-Powered Coding Assistant | Commercial Product

- Developed desktop application using Electron and NestJS automated code generation
- Implemented OCR (Optical Character Recognition) with 80-90% accuracy rate
- Integrated [OpenAI](#) API for automatic code generation from screenshots
- Optimized performance achieving cross-platform compatibility (Windows/macOS)
- Impact: Increased development efficiency by 60% for users
- **Technologies:** Electron, OpenAI API, OCR, Tailwind CSS, JavaScript, NestJS

### **Tarevity - Task Management Platform**

- Developed comprehensive task management system using Next.js 15 and React
- Implemented multi-provider authentication (Google, GitHub, Email) with NextAuth.js
- Implemented multi-language support (next-intl)
- Built robust RESTful API using Next.js API Routes
- Integrated PostgreSQL database via Supabase
- Metrics: 99.9% uptime, <2 second load times, 50% reduction in task creation time
- **Technologies:** Next.js 15, React, TypeScript, Supabase, NextAuth.js, PostgreSQL

### **Zipway - High-Performance URL Shortener**

- Developed scalable URL shortening system with optimized architecture
- Implemented redirection middleware with <100ms response time
- Created automated testing suite with 85% code coverage using Jest
- Integrated email notification system using Resend API
- Configured Docker containerization for simplified deployment
- Results: 100+ monthly requests, 99.8% reliability, 70% bug reduction
- **Technologies:** Next.js, TypeScript, Prisma, Supabase, Docker, Jest, Zod

### **Nova Horizonte - Corporate Website**

- Created responsive website for construction company using React
- Optimized performance achieving 95+ Google Lighthouse score
- Implemented design system with Tailwind CSS and shadcn/ui
- Applied SEO techniques and web accessibility standards
- **Technologies:** React, Tailwind CSS, shadcn/ui, Vite

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## **EDUCATION**

### **Frontend Developer Program | Tokio School**

*May 2024 - March 2025*

- Modern frontend development with React ecosystem
- Advanced JavaScript and ES6+ concepts
- UI/UX principles and responsive design

## **Python Programming | Tokio School**

*November 2024 - Present*

- Object-Oriented Programming and web development (OOP)
  - Web development with Flask
  - AI and Machine Learning fundamentals
  - Expected Completion: December 2025
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## **SOFT SKILLS**

- Problem Solving: Analytical thinking and systematic approach to technical challenges
  - Communication: Clear technical documentation and effective client communication
  - Teamwork: Code reviews, pair programming
  - Adaptability: Fast learning of new technologies and frameworks
  - Time Management: Efficient project delivery meeting deadlines consistently
  - Attention to Detail: Rigorous testing and quality assurance practices
  - Creative Thinking: Innovative solutions for UX and technical architecture
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## **LANGUAGES**

- **Portuguese:** Native speaker
- **English:** Intermediate (B2) - Professional working proficiency (B2) - Capable of technical documentation, code reviews, and client communication in English

## **FEATURED PROJECTS**

### **Project Links:**

- Phantom Code: <https://phantomcode.site>
- Tarevity: <https://tarevity.pt> | GitHub: [github.com/esdrassantos06/tarevity](https://github.com/esdrassantos06/tarevity)
- Zipway: <https://shly.pt> | GitHub: [github.com/esdrassantos06/zipway](https://github.com/esdrassantos06/zipway)
- Nova Horizonte: <https://novahorizonte.vercel.app> | GitHub: [github.com/esdrassantos06/novahorizonte](https://github.com/esdrassantos06/novahorizonte)

## **ADDITIONAL INFORMATION**

- Availability: Open to full-time opportunities and contract work
- Work Authorization: Portuguese resident with EU work authorization
- Interests: Open source contributions, modern frontend frameworks, performance optimization, backend development