Diogo Catarino Software Engineer

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○ github.com/wau

PROFILE

Results-oriented Software Engineer. I embarked on my software development journey at 16 by developing and selling csgo cheats, which ignited my passion for the field. Over the years, my enthusiasm only has grown. I have a keen interest in AI, Backend, Data Science, ERP systems, Web Development and Entrepreneurship.

SKILLS

Tech Stack:
- Languages: Python, Typescript,/Javascript, Java
- ERP: Odoo
- Frameworks: Next.js, Odoo
- Backend: Node.js, PostgreSQL, Drizzle ORM
- Frontend: React, Html+Typecript+TailwindCSS,
- Infrastructure: Docker, Bash
- Version Control: Git

PROFESSIONAL EXPERIENCE

Tecbased, *Software Engineer* 🔗   Sep 2023 – Jun 2024
- Developed critical ERP Modules with Odoo & Python
- Developed integrations and customizations between various modules
- Developed Restful APIs w/ Python, Odoo controllers & Odoo ORM
- Developed customizations for frontend with Owl, Html, XML, CSS and Javascript
- Database migrations with Jupyter Notebooks + PostgreSQL
- Odoo module migrations
- Fixing clients technical bugs
- Deployed Applications with Docker on VPS
- A bit of sales as well

Freelance, *Programming Tutoring*   Sep 2022 – Jan 2023
- Provided tutoring to first-year university students on various programming subjects, primarily using C, as a source of side income while attending university
- Had around 20 consistent students

PROJECTS

Rowsup.io, *Co-Founder & Fullstack Engineer* 🔗   Apr 2024 – present
- Developed an AI tool for Product Managers
- Developed 100% of the backend and around 50% of the frontend, later we had another member join the team
- OpenAI integration w/ API
- Vercel + NeonDB deployment
- Framework: Next.js
- Language: Typescript
- Backend: Drizzle ORM w/ PostgreSQL, NextAuth for authentication, OpenAI API
- Frontend: React, TailwindCSS, Shadcn/UI
- Other: Docker, Git, Trello

EDUCATION

BSc Computer Science & Engineering, *Universidade do Algarve* 🔗   Oct 2020 – Jul 2023