Elpidio Lomeu

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WORK EXPERIENCE

Mirow & Co
Full-Stack Developer   *Mar*/23 – Current

Strategy consulting firm where I work as a Full Stack Developer, responsible for maintaining and delivering end-to-end web solutions using Django (Python). I handle the full development lifecycle—from requirements gathering to production deployment. Key responsibilities include:

- Leading the development and maintenance of three Django-based platforms: Project & Evaluation, Recruitment, and Internal Employee Management.
- Managing CI workflows with Git, performing code reviews, and overseeing automated deployment pipelines on AWS.
- Maintaining cloud infrastructure using AWS services such as EC2, with environment configuration handled via scripted automation.
- Collaborating directly with stakeholders to ensure technical solutions align with strategic business objectives.

Tread & Co
Full-Stack Developer (Part-time)   *Jun*/22 – Mar/23

I worked part-time, supporting the technical team on HR platform projects.

- Helping develop and maintain HR platforms
- Work alongside a team of 4 engineers, following agile practices

AutoU   Jul/21 – Sep/21
App Developer (Intern)

- Developed low-code apps to support recruitment workflows, translating design specs into functional interfaces and rapidly delivering features.

FREELANCE

Gênio do Enem (www.geniodoenem.com)
AI-Powered platform to study for the Brazilian SAT

- Built an educational platform using Django and JavaScript to help students prepare for the ENEM exam with personalized study tools.
- Implemented REST APIs to handle user authentication, study progress tracking, and dynamic content delivery.
- Integrated AI to assist students with question-solving, providing real-time hints and explanations to enhance learning efficiency.
- Implemented a caching system to reduce costs on AI operations, optimizing resource usage and improving application performance.

SparkHelper (www.sparkhelper.com)
Instant Data Analysis platform powered by AI

- Built with Next.JS
- Implement payment integration with Stripe alongside user authentication
- Designed RESTful APIs to enable seamless integration between frontend and backend, ensuring efficient data processing and user interaction.

Beacon
AI-Based Career Growth & Development Platform

- Built a responsive frontend using React, TypeScript, and Tailwind CSS with reusable components.
- Developed a full-stack solution with Django and Django REST Framework, creating RESTful APIs for interactive features.
- Implemented secure magic link authentication with session management and error handling.
- Integrated third-party and AI services to deliver personalized content and recommendations.
- Deployed the app on AWS using EC2 for hosting and RDS for PostgreSQL database.
- Worked closely with a California client to improve backend logic, UX, and overall functionality,

delivering a scalable MVP.

EDUCATION

Pontifícia Universidade Católica Minas Gerais (PUC)
- Technology Degree (CST) in Systems Analysis and Development (Academic excellence award)

SKILLS & INTERESTS

- **Languages & Frameworks:** Python, JavaScript, HTML, CSS, Django, React.js
- **Databases & APIs:** PostgreSQL, RESTful APIs, Database Modeling
- **DevOps & Tools:** Git, Docker, AWS (EC2, RDS, S3), CI/CD pipelines
- **Platforms:** WordPress, Low-code development tools
- **Other Skills:** Agile development, Stakeholder communication, Full project lifecycle management
- **Interests:** Web development, Game development, Systems architecture, Learning Go (Golang)