Fernando Carrillo

Python Backend Developer

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Backend developer with a focus on Python technologies with 5 years of experience in the industry. I have a deep understanding of the language and its various frameworks, such as Django, Flask, and FastAPI. I have worked on various projects, from developing RESTful APIs to building microservices. I am passionate about using my skills to solve complex problems and deliver high-quality solutions. I am currently looking for new challenges and opportunities to give value based on my experience and grow as developer.

EXPERIENCE

Rimorsoft, **Backend developer** — *May, 2018 - May, 2023*

- 25% reduction in the average development time of RestAPIs based on the creation of a template for development with FastAPI, standardizing the project structure, improving code reuse, and integrating the technologies that the team considered most convenient in a Docker image as a starting point.
- Collaboration in the creation of an internal library of reusable components, which accelerated the development of new features by 20% and reduced the number of bugs in the code.
- Participation in the creation of a continuous integration and delivery (CI/CD) system using technologies such as Jenkins and Github Actions that reduced the deployment time of new features by 60%.
- Implementation of a feature that reduced API response time by 40%, by optimizing database queries and implementing caching.
  Tech Stack: Python, Django, FAstAPI, Flask, Pytest, MySQL, PostgreSQL, Docker, Jenkins, AWS.

LUTANSA S.A., Fullstack developer — *February, 2015 - May, 2018*

- Implementation of a custom content management system (CMS) that allowed the marketing team to update the website autonomously and reduced the time to launch new posts by 70%.
- Optimized the company's website for mobile devices, increasing traffic by 50% on mobile devices.
  Tech Stack: PHP, CodeIgniter 3, Javascript, JQuery, MySQL.

San Jose Hospital, Junior programmer — *February, 2013 - January, 2015*

- I reduced by 50% the average time spent for the registration of charge forms to insurance companies based on the optimization of automated data loading templates.
- I unified template management processes for loading medical records in the consolidation process of different independent databases.
  Tech Stack: Visual Basic 6, MySQL.

SKILLS

Programming languages: Advanced: Python, PHP, SQL, HTML; **Intermediate:** CSS, Javascript.
Frameworks: Advanced: FastAPI, Django, Flask; **Intermediate:** Laravel, Bootstrap;   **Basic:** React.
Databases: Advanced: MySQL; **Intermediate:** PostgreSQL; **Basic:** MongoDB.
Cloud: AWS (S3, EC2, Lambda).
Tools: Git, Github, Trello.
Agile: SCRUM, Kanban.
Languages: Advanced: English; **Native:** Spanish.

EDUCATION

University of the People – *USA (remote). Computer Science, June 2021 - present.*

CERTIFICATIONS

C2 English – EF SET. 2022. Certificate