Pedro H. Gaya

Software Engineer | Fortaleza/CE

pedrohenriquegaya@gmail.com | +55 (085) 98107 9990

Experiência

Gaya Adv. | Jan 2024 – May 2024

• Improved upon existing methodologies for data mapping, in compliance with local data protection and data privacy laws, as well as developing new techniques for storage and processing of data mapping formation.

• Optimized what used to be a three person job to one person job using brand new technology and data mapping methodologies.

Sentinel Group | Aug 2023 – Oct 2023

• Acted as implementation lead for the scientific research group Sentinel.

• Contributed to paper published in IEEE SeGAH 2024.

• Designed and implemented a remote monitoring system for ER, featuring high availability and low latency utilizing state-of-the-art AI and microservices development.

• Developed robust testing infrastructure for simulating our ER cameras utilized in OCR.

Pathfind | May 2022 – Apr 2023

• Mantained android app used with specialzied logistics software.
• Worked with product and design team in new functionalities and continuous improvements.
• Worked directly with testing teams and beta clients utilizing standard JIRA workflow and Agile methods.
• Profiled and refactored app at minimal cost to greatly improved performance in low-end phones.

Freelancer | Apr 2021 – May 2022

• Worked with diverse clients from around Brazil in developing. documenting and refactoring REST APIs and other web services.
• Implemented authentication pipelines, designed image classification apps and cleaned datasets for AI model training.

Mobiltracker | Aug 2019 – May 2021

• Started as an intern during my first school semester, learning all the basic skills required for web development, such as how websites are made and deployed, HTTP requests, proper coding standards and collaboration tools such as Git, BitBucket and Jira.
• Learned how to thrive in a fast-paced, rapidly growing startup enviroment.
• Implemented simple API routes and React components, Python scripts for high throughput queues and specialized SQL queries for various business needs.

• Worked in a marvelous that taught me the value of teamwork, good humor and *espirit de corps*

Education

Unifor – Bachelor of Computer Science | Current | 2023 – 2026
UFRGS – Bachelor of Computer Science | Transfered | 2019 – 2022
FB Ceará – Engineering Prep School | High School

Technical Skills

- Programming Languages:
    - C, C++, C#, Java, Python, JavaScript, TypeScript
- Web development:
    - React, React Native, Node, Bun, Axios, TypeORM, Selenium, Prisma, GraphQL, Jest, Bootstrap 4, Express, Elysia
    - .NET Core, .NET Framework
    - Django, Flask
- Data/Machine Learning:
    - Numpy, Scikitlearn, Pytorch, Pandas
- CI/CD:
    - GitHub Actions, Jenkins, Octopus Deploy, Terraform
- AWS:
    - ECS, ECR, EC2, EKS, Lambda, SQS/SNS, Icognito, Amplify
- Project management:
    - Git, Jira, Kanban, Agile, SCRUM
- Specialties:
    - Native and mobile web apps; REST APIs and GraphQL; Highly scalable cloud systems; Microsservices; Automation and data analysis; Archictecture and design patterns; Clean code; Authentication; i18n; Database and schema design.

General Skills

- Languages:
    - Native Portuguese, fluent English.
- Teamwork:
    - High availability and interest in learning, teaching and helping.
    - Efficient organizer and delegation of tasks.
    - Constant self-improvement mindset.
    - Collaborative leader; I work best in teams with clear set responsabilities and a high trust enviroment.
    - A variety of life and work experiences, having worked in many parts of the country.
- Communication:
    - I value small talk and "water cooler conversation", love inquiring about challenges and details in the work of colleagues.
    - I place great trust in my coworkers words and expertise, always deferring when needed.
- Hobbies:
    - I'm a musician playing in many rock bands across Fortaleza/Ceará.
    - I enjoy engaging in linguistics and the development of constructed languages.
    - Big fan of tabletop games and their making and design.