Guilherme Carvalho de Azevedo

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SKILLS

- **Languages**: Python, JavaScript (Node.js), TypeScript, SQL, Bash, HTML, CSS
- **Frameworks**: Django, Django REST Framework, Flask, FastAPI, Express, React, Next.js, Tailwind CSS
- **Databases**: SQL Server, PostgreSQL, MongoDB, DynamoDB
- **Cloud | AWS**: CloudFront, EC2, ECS, Elastic Beanstalk, EKS, IAM, Lambda, RDS, S3
- **DevOps & CI/CD:** Git, GitHub Actions, Terraform, Ansible, Make
- **Containers & Orchestration:** Docker, Docker Compose, Kubernetes (K8s)
- **Messaging & Caching:** RabbitMQ, Pub/Sub, Redis
- **API & Documentation**: OpenAPI (Swagger), Postman
- **Design**: Clean Code, SOLID, Design Patterns, OOP, TDD, OWASP
- **Project Management**: Agile, Jira, Confluence, Trello

For more details on my skills, visit my Roadmap.

WORK EXPERIENCE

Quantum   Aug. 2021 – Jan. 2024
Senior Data Analyst

Quantum is a leading company in the Brazilian financial sector, offering technology solutions to corporate clients (B2B), with the aim of assisting in investment management, market analysis, and financial consulting.

- Coordinated a team specializing in analysis of structured fund and indices data;
- Developed over 100 **web scraping** programs using **RESTful APIs** and **authentication** methods (**Basic Auth, Cookie-Based, JWT, OAuth, OpenID**);
- Conducted **End-to-End testing** on team-developed functionalities, ensuring robust performance and quality;
- Designed 3 **CRUD** applications, ensuring efficient data storage, retrieval, and validation;
- **Fine-tuned LLMs** for **AI**-driven document processing, automating reading tasks previously done manually;
- Developed and optimized hundreds of **SQL** queries for rigorous data validation across databases and APIs.

Quantum   Nov. 2019 – Jul. 2021
Data Analyst Intern

- Automated routine tasks, saving 15+ hours of manual work per week;
- Migration of processes from Java, Excel or VBA to Python, streamlining operations and reducing errors;
- Development of data quality controls in SQL, improving data integrity and reliability.

EDUCATION

UERJ – Rio de Janeiro State University   Aug. 2015 – Dec. 2021
Bachelor's degree in Industrial Engineering   *Rio de Janeiro, Brazil*

- Honors: *cum laude*; 3.44/4.0 GPA.

COMPLEMENTARY EDUCATION

- **Fluent English: C1 level certified** – graduation with honors, Fisk
- **Advanced Python**, Udemy
- **Advanced JavaScript and TypeScript**, Udemy
- **Django**, Alura
- **Digital & Agile Thinking**, Alura
- **Infrastructure as Code**, Alura