

# Felipe Scrochio Custódio

Software Engineer

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## EXPERIENCE

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- **Zyte (zyte.com)** Remote, Ireland  
*Full time - Mid. Software Engineer* Jul. 2022 - Present
  - Developed and maintained hundreds of Scrapy spiders across multiple Python codebases, optimizing data extraction processes.
  - Built projects from scratch, addressed bugs, and performed code refactoring, significantly enhancing code quality and project scalability.
  - Communicated directly with clients to understand project specifications, delivering tailored solutions that met dynamic and evolving requirements.
  - Collaborated with a remote, multicultural team spanning multiple time zones, utilizing tools like Slack, Jira, and Meet to ensure consistent communication and seamless project delivery.
- **Birdie (birdie.ai)** Remote, Brazil  
*Full time - Jr. Software Engineer* Jul. 2021 - Jul. 2022
  - Utilized Scrapy and Python to develop and manage data scraping spiders across diverse sources such as app stores, e-commerce sites, forums, and blogs.
  - Contributed to the design and implementation of an in-house distributed crawling architecture, resulting in a significant performance boost, enabling the scraping of millions of pages per week. Implemented real-time monitoring dashboards for enhanced visibility.
  - Worked in a fast-paced B2B startup environment, communicating directly with stakeholders to discuss project requirements and deliver data on time.
- **Raccoon Marketing Digital (raccoon.ag)** São Carlos, São Paulo, Brazil  
*Internship - Business Intelligence team* Apr 2019 - Aug 2020
  - Developed data extractor for various sources, including APIs, databases, and web pages, to build datasets for both business clients and internal stakeholders in Analytics pipelines.
  - Designed dashboards, automated spreadsheets, and reports, merging data from different sources such as Google Sheets, and querying data from Google BigQuery to provide real-time marketing insights to client companies.
  - Developed data governance tools using data lineage and network visualizations for all data pipelines to reduce maintenance efforts, highlight bottlenecks, and lower storage costs.

## EDUCATION

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- **ICMC USP - University of São Paulo** São Carlos, São Paulo, Brazil  
*Master of Business Administration (MBA)* Jul. 2024 – Oct. 2025  
MBA in topics of Advanced AI and Big Data, focused on current methodologies in AI, data storage, and processing with practical implementation exercises.
- **ICMC USP - University of São Paulo** São Carlos, São Paulo, Brazil  
*Bachelor of Science in Computer Science (BSc)* Mar. 2015 – Dec. 2021  
Received a Bachelor's Degree from the Instituto de Ciências Matemáticas e de Computação, at the University of São Paulo (ICMC - USP), one of the most important Brazilian institutions in the fields of STEM.

## SKILLS & COMPETENCIES

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- **Languages:**
  - **Portuguese:** Native
  - **English:** Full Professional Proficiency
- **Skills and Tools:**
  - Python | SQL | Git | Linux | Google Cloud Platform (BigQuery, Cloud Functions, Storage, App Engine) | AWS (Firehose, Athena, S3) | Microsoft Azure (AKS, VMs, Functions) | Web scraping (Scrapy, Puppeteer, Selenium) | DevOps, Infrastructure (Docker, Kubernetes, Terraform) | CI/CD (ArgoCD, Gitlab) | Messaging and Caching (Redis) | Web Frameworks (FastAPI, Flask) | Monitoring (Grafana, InfluxDB, Loki) | Testing (Pytest, Unit Tests)