

# Felipe Scrochio Custódio

Software Engineer

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## EXPERIENCE

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- **Zyte (zyte.com)** Remote, Ireland  
*Software Engineer (Mid-level, Full-time)* Jul. 2022 - Present
  - Developed and optimized hundreds of Scrapy spiders across multiple Python projects, improving data extraction performance and reliability.
  - Led the development of new projects and executed code refactoring, enhancing scalability and reducing technical debt.
  - Collaborated with clients to deliver customized data scraping solutions, adhering to project timelines and requirements.
  - Worked in a remote, multicultural team, using Slack, Jira, and Meet to maintain seamless communication across time zones.
- **Birdie (birdie.ai)** Remote, Brazil  
*Software Engineer (Junior, Full-time)* Jul. 2021 - Jul. 2022
  - Built and maintained data scraping spiders using Scrapy and Python, extracting information from diverse sources, such as e-commerce platforms and forums.
  - Implemented distributed crawling architecture, enabling the scraping of millions of pages weekly, boosting performance.
  - Created real-time dashboards for monitoring scraping activities and data pipeline efficiency.
  - Collaborated with stakeholders to define requirements and deliver data-driven solutions within tight deadlines.
- **Raccoon Marketing Digital (raccoon.ag)** On-site, São Carlos, Brazil  
*Business Intelligence Intern* Apr. 2019 - Aug. 2020
  - Developed data extraction tools for APIs, databases, and web sources, supporting business intelligence and analytics pipelines.
  - Designed and automated dashboards, spreadsheets, and reports, integrating data from Google BigQuery and Google Sheets for real-time marketing insights.
  - Built data governance tools, reducing maintenance costs and improving data quality across pipelines.

## 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)