# Felipe Scrochio Custódio
Software Engineer

Email: felipe.crochi@gmail.com
Github: github.com/felipecustodio
LinkedIn: linkedin.com/in/fscustodio

## EXPERIENCE

- **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
  *Software Engineer (Internship)* — *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

- **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

- **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)