Hello
👋 I'm Mikaio Faria
Senior Software Developer

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Backend-focused engineer with 6+ years delivering cloud-native financial and data softwares. Deep expertise in Python, Web python tools (Django,Flask, FastAPI and etc), serverless architectures (AWS Lambda, Glue, s3 and etc), micro-services and high-throughput REST APIs. Creator of pixbitcoin.org, a self-serve Bitcoin on-ramp platform, and lead engineer on tax-automation and insurance microservices. Comfortable in zero-to-one startup environments where shipping fast, automating everything, and maintaining security & compliance are mandatory. I am native speaker of Portuguese & fluent in English and Spanish, trying to learn French.

Experience

September 2024 - PRESENT
Itaú Bank via BRQ Digital Solutions, Remote - Senior Software Developer

- Re-architected a critical Angular module into a **micro-frontend**, enabling independent deployments and accelerating feature delivery
- Built a Python/AWS Lambda service to automatically transmit **XML tax reports** to >1,000 Brazilian municipalities, eliminating manual filings and ensuring full regulatory compliance
- Designed and maintained petabyte-scale **AWS Glue ETL jobs** that transform raw banking data into audit-ready financial statements and delivery them to government via software integration

January 2025 - PRESENT
PixBitcoin - Sideproject

- Conceived, coded and launched a **one-click Bitcoin & stable-coin purchase portal** using Pix and Liquid Blockchain; processed 6-figure BRL volume in first month
- Implemented Magic-Link auth, on-chain wallet management and spread/fee engine; stack: FastAPI, Django, Tailwind, Sideswap Manager, Docker and Rust

August 2021 - September 2024
Betterfly (InsurTech Unicorn, Chile), Remote - Backend Developer

- Key contributor migration of Django monolith to AWS microservices, boosting scalability, performance and cutting lead time.
- Delivered insurance quote & policy APIs consumed by millions users, integrating external partners via APIs and ETL process

March 2021 - August 2021
Tradex Solutions, Remote - Backend Developer

- Designed and built REST APIs powering ReactJS single-page applications and a React Native mobile app, ensuring low latency and secure endpoints.
- Enhanced service reliability and performance by refactoring SQL queries, adding caching layers, and implementing monitoring, cutting average latency by ~40%.
- Collaborated closely with the front-end team to define API contracts, create interactive dashboards, and support state management in ReactJS applications.

March 2021 - November 2021
Skuad (Marketing&UX Startup) - Python Developer

- Built web crawlers & integrations with **Facebook Marketing API** and **Pipedrive**, enabling automated campaign optimisation
- Produced data-driven marketing reports that cut client ad spend by 25%.

2019 - 2020
Software Developer - Freelance & Early Career

- Participated in the development of a property mapping system for Bussola.farm that allows fish farmers in the Amazon region to visualize ponds and monitor production; stack: Flask, PostGIS, Leaflet, Docker.
- Designed and launched high-converting landing pages and lightweight admin panels for multiple digital-product releases, improving lead-capture rates
- Implemented menu-driven WhatsApp chatbots for local restaurants, automating order intake and cutting average response time from minutes to seconds.
- Managed requirements gathering, architecture, coding, and deployment for each project, ensuring on-time delivery and ongoing client support.

Education

2024 - 2026
B.Sc. Mathematics - Degree
Universidade Cruzeiro do Sul Virtual, Ariquemes-RO Brazil

2018 - 2020
Information Technology - Technical Diploma
IFRO(Federal Institute of Education, Science and Technology of Rondônia), Ariquemes-RO Brazil

2017
Game Development Course
FUTURA INFO, Ariquemes-RO Brazil (March 2017 - November 2017) Unity | C# | Javascript

2017
Web Design Course
SINTERO informática, Ariquemes-RO Brazil (November 2016 - March 2017) corelDraw, Dreamweaver, Photoshop, etc

Hard Skills

Python · Django · Django REST Framework · FastAPI · Flask · PostgreSQL · ETL · Pandas · NumPy · AWS · AWS Lambda · AWS S3 · AWS EC2 · AWS Glue · Serverless Framework · Terraform · Jenkins · GitHub Actions · Nginx · Heroku · Railway · ReactJS · React Native · TailwindCSS · Bootstrap · HTML · CSS · JavaScript · unittest · Pytest · Postman · Requests · BeautifulSoup · Selenium · BlockChain · MCP · LLM Integration · OpenAI API