

Aziz Baatout

+32456150084 | aziz.baatout@gmail.com | linkedin.com/in/aziz-baatout | github.com/Azizo-B

EDUCATION

Ghent University

Bachelor of Applied Computer Science, Specialization in AI and Data Engineering

Ghent, Belgium

Sep. 2023 – Present

IVG School

High School Education (ASO) in Science and Mathematics

Ghent, Belgium

Sep. 2017 – June 2023

EXPERIENCE

Software Developer

Fintraax

Feb. 2024 – Present

Ghent, Belgium

- Developed features for a **Postgres, Django and Angular web app**, enhancing the overall user experience.
- Led document processing efforts, implementing **PDF parsing and OCR solutions** for efficient text extraction.
- Worked with APIs such as **Exact Online, Silverfin, MyMinfin** and various other **government services**.
- Learned about **accountancy** and post-accountancy workflows.

Software Engineer

EB accountancy

Aug. 2023 – Apr. 2024

Ghent, Belgium

- Implemented **AI-powered OCR** for invoice processing, achieving a **70% reduction** in processing time.
- Developed **AI-driven invoice classification**, further reducing processing time and improving accuracy by 30%.
- Deployed on **GCP's serverless architecture**, optimizing resource utilization and minimizing operational costs.
- Developed an **ML ops pipeline**, creating a positive feedback loop that **continuously improves system performance** with every invoice processed.

PROJECTS

SBAT Monitoring System | *Python, FastAPI, MongoDB, Google Cloud, Stripe*

Aug. 2024 – Sep. 2024

- Developed a Python API to monitor and notify users of available driving exam time slots from the SBAT API.
- Implemented a notification system via email, Telegram, and Discord to provide updates on slot availability.
- Hosted on a Google Cloud E2 micro instance, ensuring secure and cost-effective operation within free tier limits.
- Integrated Stripe for seamless payment processing and subscription management.
- Utilized webhooks for real-time interactions with **Telegram, Discord, and Stripe**.

NVIDIA FE Bot | *Python, Web Scraping, Automation*

2020

- Created an automated bot to track the availability of NVIDIA graphics cards during the 2020 restock frenzy.
- Scraped data from NVIDIA's partner site, sending real-time alerts via Discord upon product availability.
- Automated the checkout process to secure graphics cards before they sold out.
- Gained valuable experience in web scraping, automation, and the ethical considerations involved.

CERTIFICATIONS

CS50's Programming with Python Certification ([Link to Certification](#))

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, SQL (Postgres/MySQL/SQL Server), NoSQL, HTML/CSS

Frameworks: FastAPI, Django, Flask, Express.js, Koa.js, Angular, Prisma, Tailwind, Bootstrap

Developer Tools: Git, Docker, MongoDB, Google Cloud Platform, AWS, Azure,

Libraries: pandas, NumPy, Matplotlib, Langchain