Aziz Baatout

Student Software Developer

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EDUCATION

Ghent University Ghent, Belgium
Bachelor of Applied Computer Science, Specialization in AI and Data Engineering *Sep 2023 – Jun 2026*

IVG School Ghent, Belgium
High School Education (ASO) in Science and Mathematics *Sep 2017 – Jun 2023*

EXPERIENCE

Full-stack Developer Ghent, Belgium
Ghent University, Student Job *Mar 2025 – Present*
- Developed and maintained a Django/Nuxt.js web application for document management.
- Wrote thorough documentation to ensure smooth project handover.

Data Automation Engineer Lochristi, Belgium
Optios, Student Job *Mar 2025 – Present*
- Developed automated workflows for data extraction, reducing manual effort by 30%.
- Integrated third-party APIs for data enrichment, which improved data accuracy.

Software Developer Ghent, Belgium
Fintrax, Student Job *Feb 2024 – Mar 2025*
- Developed features for a Django/Angular web application.
- Implemented PDF parsing solutions for efficient text extraction.
- Worked with APIs such as Exact Online, Silverfin, MyMinfin.

Software Engineer Ghent, Belgium
EB Accountancy, Student Job *Aug 2023 – Apr 2024*
- Implemented AI-powered OCR and classification for invoice processing
- Deployed on Google Cloud with a focus on scale and minimizing operational costs.
- Developed a MLOps pipeline, creating a positive feedback loop that continuously improves system performance with every invoice processed.

PERSONAL PROJECTS

Driving Exam Monitoring System | *Python, FastAPI, MongoDB, Google Cloud, Docker, Stripe*
- A real-time notification service for tracking available driving exam slots across platforms. The system monitors data changes and sends instant notifications via email, Discord, and Telegram. Built with Python, FastAPI, and MongoDB, deployed on Google Cloud.

CERTIFICATIONS

Harvard CS50 Python Certification

LANGUAGES

Dutch (Native), Arabic (Native), French (Advanced), English (Advanced)

TECHNICAL SKILLS

Python, Java, JavaScript, TypeScript, Node.js, Angular, React, Next.js, Vue, Nuxt.js, Tailwind, Express, Django, FastAPI, Flask, GraphQL, Redis, MySQL, PostgreSQL, SQL Server, MongoDB, AWS, GCloud, Linux, Docker, Kafka, Git