

# Anas Boukchina

## Python / Cloud / Generative AI

Software Engineering Student



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### Summary

I'm a 23-year-old software engineering student with a background in mathematics and algorithmic problem-solving. With real work experience, I'm passionate about DevOps, cloud computing, and generative AI, eager to take on new challenges and advance my career.

### Experience

**Generative AI Internship — KeenSight Analytics LLC** (Dec 2024–Present)

- Utilized RAG to extract company data from reports.
- Automated cold email/WhatsApp messaging and designed follow-up text automation.
- Developed RESTful APIs for enhanced application usability.

**Backend/Cloud Engineer (Part-time) — CarNet** (Sept 2023–May 2024)

- Developed new AWS/Python features (event triggers, DB operations, push notifications, error monitoring).
- Improved backend through refactoring and enhanced key modules.
- Acted as primary API contact and collaborated with the support team.

**Cloud-based Smoke Tests Internship — CarNet** (Jun 2023–Aug 2023)

- Developed comprehensive API test suites with Pytest, deployed on AWS twice daily.
- Utilized Lambda, S3, EventBridge, and SNS for test execution and reporting.
- Created a CloudFormation stack to streamline deployment.

### Education

**National Institute of Applied Sciences and Technology** (2021–Present)

Software Engineering Student

**Gabes Pioneer School** (2017–2021)

Mathematics Baccalaureate — 17.70/20

### Skills

- AWS (Cognito, Lambda, API Gateway, CloudFormation, EC2, IAM, CloudWatch, S3)
- Python & RESTful API Development (FastAPI, custom frameworks...)
- Test Automation with Pytest
- Object Oriented Programming
- Pydantic data validation & Pydantic AI agent development

### Languages

- Arabic (Native)
- English (Fluent)
- French (Fluent)
- Spanish (Beginner)