# MATHIO MASOOD-LUCA

*Full-stack developer with 3+ years of experience building scalable systems using Python, FastAPI, and AWS. Passionate about optimizing backend processes and creating seamless user experiences. Committed to continuous learning and staying ahead in the ever-evolving tech landscape.*

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## EXPERIENCE

### CIBC , Toronto — *Software Developer Intern*

May 2024 - August 2024

- Developed full-stack features using Python (Flask) and Node.js (Express) to enhance internal banking applications..
- Designed and optimized responsive user interfaces with React, improving user experience and accessibility.
- Optimized SQL queries in PostgreSQL, reducing data retrieval times by 25%.
- Implemented **AES encryption** for sensitive customer data, ensuring compliance with security standards.
- Participated in **daily stand-ups**, collaborating with **team members** to ensure project alignment and progress.

### Scale AI, Windsor — Coding Expertise for AI Training

August  2024 - Present

- Developed and optimized full-stack applications to support large-scale data processing and annotation.
- Built dynamic, interactive front-end dashboards using React and TailwindCSS to visualize data insights.
- Reviewed and optimized Python and JavaScript code to ensure adherence to best practices, improving maintainability and scalability.
- Reviewed and **improved peer analysts'** code quality and prompt accuracy, fostering best practices in coding standards.
- Utilized **FastAPI** to develop and refine backend services for handling **large-scale data processing** and annotation.

### Freelance , Windsor — *Freelance Backend Developer*

June 2022 - August 2024

- **Architected and deployed** scalable full-stack systems  for e-commerce clients, integrating **Stripe, PayPal, and Shopify APIs**, supporting **1,000+ transactions/month**

## EDUCATION

***University of Windsor – Windsor, ON***

*Bachelor of Science in Computer Science | Expected April 2025*

## SKILLS

**Proficient**: JavaScript, Python, React, FastAPI, Node.js, PostgreSQL, MongoDB AWS, GitHub Actions, TailwindCSS, GraphQL, Full-Stack Development, API Development, System Design
**Familiar**: Docker, Go, Terraform, Machine Learning (NLP, Neural Networks), Pandas, Microservices Architecture
**Soft Skills**: Team Collaboration, Problem Solving, Public Speaking, Continuous Learning
**Languages**: English (Native), French (Proficient)

## PROJECTS

**Pokémon Cloud Trainer -** FastAPI, Python, React (In Progress)
**AI-Powered Resume Optimizer -** Python, FastAPI, and OpenAI API
**Book Recommendation Engine -** Python, NLP, NumPy
**Minecraft Biome Mod -** Java, Json