



PROFILE SUMMARY

Master’s student in Computer Science at *Université Côte d’Azur*, passionate about **web development** and **artificial intelligence**. Looking for a one-year apprenticeship with a 1-week school / 1-week company rhythm. Keen to learn, autonomous, and curious, I enjoy tackling complex problems and continuously improving my skills.

CONTACT DETAILS

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PERSONAL INFORMATION

Citizenship: **Italian**
Residence: **Nice, France**
Languages: **English** Fluent,
French Fluent, **Italian** Native,
Arabic Native

SKILLS

- **Frontend:** Angular, JavaScript, HTML5
- **Backend:** Java (Spring Boot), PHP (Symfony), RESTful APIs, Python
- **Database:** MySQL, MongoDB
- **Tools:** Git, Docker
- **Methodologies:** Agile/Scrum, Object-Oriented Programming (OOP), MVC Architecture

PROJECTS & EXPERIENCE

PROJECT GENLINK as a *University Group Project* **01/2024–06/2024**
◊ Developed a web-based social support platform connecting seniors with community volunteers using **Angular** frontend and **Spring Boot** backend.
◊ Implemented RESTful APIs and MySQL database to manage user interactions and requests efficiently.
◊ Created optimized workflows for request management and integrated feedback mechanisms to improve user experience.
◊ Developed authentication system, request categorization, and real-time messaging features.

EVALUATING DATA PARALLELISM IN ML at *Inria Sophia Antipolis (NEF Cluster)* **11/2024–01/2025**
◊ Benchmarked DenseNet121 training on Imagenette using PyTorch DDP.
◊ Analyzed computation and communication times across different batch sizes.
◊ **GitHub:** <https://github.com/yisola2/Parallel>

DISTRIBUTED MESSAGE QUEUE APP at *Université Côte d’Azur* **01/2025–03/2025**
◊ Developed a RESTful message queue system in Java using Spring Boot, supporting queue creation, message processing, and topic-based filtering.
◊ Dockerized the full architecture with two replicated Spring Boot services, a PostgreSQL database, and an NGINX load balancer.
◊ Configured NGINX for round-robin load balancing and implemented health checks to monitor and restart containers via Docker API.
◊ **GitHub:** <https://github.com/yisola2/MQ.git>

EDUCATION

MASTER’S DEGREE IN COMPUTER SCIENCE, *University of Côte d’Azur, Sophia Antipolis, France* **2024–2026**
◊ Relevant coursework: Web Development, Cloud Computing, Database Design, Software Engineering, NLP
BACHELOR’S DEGREE IN COMPUTER SCIENCE, *University of Côte d’Azur, Nice, France* **2021–2024**
◊ Relevant coursework: Algorithms, Networks, Web Development, Database Management, Unix Shell

EXTRACURRICULAR ACTIVITIES

- Part-time job experience, balancing work and studies effectively.
- Volunteered as a tutor, teaching younger students in different subjects.
- Active member of Associazione Assadaka in Italy, participating in remote community support initiatives.