

# Development and IT Organization at École Centrale Méditerranée

Final year of Engineering Program (Master's 2)



## Serigne Mbaye Sy AMAR

Currently studying at École Centrale Méditerranée, a prestigious institution renowned for its excellence in engineering, I am committed to applying the knowledge acquired at this esteemed school.

### CONTACT INFORMATION

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Mon Portfolio

### PERSONAL INFORMATION

- Date of Birth: May 2, 2000
- Marital Status: Single

### Languages

- French: Advanced (Native language , DALF C1)
- English: Advanced
- Arabic: Intermediate

### Community Involvement

- Member of Centrale Tech Association at École Centrale Casablanca, where I participate in solving challenges proposed by the coding and development department.
- Former Member of the Scientific and Educational Service of the IT Club at Institut Polytechnique de Saint-Louis.

### CERTIFICATES

- Meta Back-End Developer Certificate, awarded by Meta
- Google Project Management Certificate, awarded by Google
- IBM Front-End Developer Certificate, awarded by IBM
- Google Data Analytics Certificate, awarded by Google
- Creative Design, Prototyping, and Testing Certificate, awarded by University of Maryland, College Park

### SKILLS

Programming (C, Python, Java) | Web Development (Laravel/Next.js/ReactJS/PHP) | MySQL Databases | Version Control (GitHub) | Microsoft Office | Prompt Engineering | Project Management and Leadership | Mobile Development: Flutter

### PROFESSIONAL EXPERIENCE

#### April 2024 - September 2024, Internship at Skills & Smart



During this 6-month internship, I improved their platform named e-m3ellem and set up a club management platform. I contributed both as a project manager and as a developer.

#### July 2023 - August 2023, Internship at IDUS Capital



Intern at a major financial company. Contributed to data analysis and enhanced research skills.

#### August 2022 - October 2022, Internship at Simplon Senegal




3-month internship in web development at Simplon. Gained experience in programming and website creation, including using HTML, CSS, JavaScript, and Python Flask.

### EDUCATION

2024-2025 : Centrale Méditerranée

2022-2024 : Centrale Casablanca

2020-2022 : Institut Polytechnique de Saint-Louis

 [My Portfolio for more details](#)

### PROJECTS

#### • Improving Urban Mobility in Morocco

I contributed as a manager and full-stack developer to a project aimed at improving urban mobility centered around the 'Smart City'.

#### • Development of a Certification Platform

I created a platform dedicated to the management and issuance of digital certifications, facilitating the verification and traceability of skills.

#### • Mobile Application for Museum Collections

I worked as a project manager and developer on a mobile application allowing users to discover artworks in museums.

#### • Mobile Instant Messaging Application

I set up a mobile instant messaging application offering real-time chat features and media sharing.

#### • Home Services Booking Platform

As a full-stack developer, I created a platform that allows users to book home services (cleaning, plumbing, hairdressing, etc.).