

# OUSSEMA CHERCHERI

## Software Engineer

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**Portfolio:** [oussemachercheri.github.io](https://oussemachercheri.github.io) | **LinkedIn:** [linkedin.com/in/chercheri-oussema-807213218/](https://linkedin.com/in/chercheri-oussema-807213218/) | **GitHub:** [github.com/OussemaChercheri](https://github.com/OussemaChercheri)

## PROFILE

Recent Software Engineering graduate passionate about **full-stack web and mobile development** (Django, Flutter, Angular). Motivated to contribute to innovative projects with a strong focus on performance, scalability, and user experience. **Key Skills:** Full Stack Development | RESTful APIs | Databases | CI/CD | Agile/Scrum

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, C#, Dart, Python

**Frontend:** Angular, React, Flutter

**Backend:** Django, .NET, Node.js, Spring Boot

**Databases:** MySQL, MongoDB, PostgreSQL

**Tools:** Docker, Git, GitHub, Swagger | **Methodologies:** Scrum, Agile

## EDUCATION

**Engineering Degree in Computer Science** – Tekup University, Tunis

2019–2025

**High School Diploma in Computer Science** – El Haouaria High School

2018

## PROFESSIONAL EXPERIENCE

### 4inTechnologie – Final Year Project Intern

Feb.–Aug. 2025

Development of "OilApp", a cross-platform application for the digitalization of Tunisian olive mills.

- Automated processes (weighing, billing, client tracking), reducing manual tasks by 40%.
- Designed an **AI-based energy optimization system** to predict costs and resources.
- Implemented Machine Learning algorithms (*Random Forest*, *Gradient Boosting*) achieving  $R^2 = 0.95$ .
- Full-stack development using **Flutter** (UI) and **Django + PostgreSQL** (backend).

### IEEE Tekup – Software Development Intern

Sept.–Nov. 2024

- Contributed to internal web development and automation projects.
- Managed teams and Agile sprint planning for software deliverables.
- Organized technical workshops for the student community.

### Tunav – Software Developer Intern

Jun.–Aug. 2024

- Designed a customer claims automation system, reducing processing time by 30%.
- Developed dynamic user interfaces using **Angular**.
- Created and documented APIs using **.NET** and Swagger.

## ACADEMIC PROJECTS

**Tourism Services Platform** (*Node.js, Angular, MongoDB*) – Implemented JWT authentication and an admin dashboard.

**E-learning Platform** (*Spring Boot, Angular, MySQL*) – Developed secure RESTful APIs and full front-back integration.

## COMMUNITY INVOLVEMENT

**IEEE Tekup** – Sponsorship Lead (2024), Team Leader (2023), Active Member (2023).

## LANGUAGES

Arabic (Native) | French (Fluent) | English (Fluent)