

Z A A M

O u s s a m a

Software Engineering Student

ABOUT ME

Third year at the National Institute of Posts and Telecommunications (INPT). Motivated software engineering student with a strong academic background in computer science and Service development. Currently looking for an **end-of-studies internship**.



+212 615-257236



zaam.oussama@gmail.com



<https://zaam.vercel.app>



INPT, Al-Irfane - Rabat



[linkedin.com/in/oussama-zaam-636750231](https://www.linkedin.com/in/oussama-zaam-636750231)



<https://github.com/oussamaZAAM>

ACADEMIC EXPERIENCE

DevOps Engineer Intern

June - August 2023

Alee Conseil - Rabat

- **Development and deployment of a showcase website:**
 - Development and deployment of a showcase website (**Fullstack**) and management of purchase orders (**backend**) while respecting **DevOps** techniques.
 - Work on the site's **SEO** and its relevance in Google search results.
- **Development of an E-learning platform**
 - Design et Développement de frontend du siteweb.
 - Gestion de l'authentification en rôles.

Mobile App Developer / Backend Developer

February -

End of year project - INPT

June 2023

Developed a mobile application (**YouScout**) that helps young people showcase their skills in sports, and helps managers in scouting.

- **Frontend:** Cross-platform application using **React Native**.
- **MicroServices:**
 - Developing: using **Spring**
 - CI/CD: **GitLab** + **ArgoCD**
 - Deployment: **Azure Cloud** + **Kubernetes**

PERSONAL PROJECTS

NPM package **NextScrambler**

June 2023

Extension for **Next.js**, to encrypt and decrypt images with a private key, to help websites protect their images from being stolen.

Site web **rankMyOutfit**

March - May 2023

To help people choose their best outfits using artificial intelligence, or using a platform that allows users to rate other people's outfits.

Cloud Computing

April 2023

Building Cloud Computing infrastructure by OpenStack Victoria.

Site web **NutriLab** + Application Mobile

February - April 2023

To build the most optimized diet based on users' information and needs, and to track their daily food list. built with **Next.js** and **Django**.

A mobile version for this website using **Java**.

Site web **Bepper**

October - November 2022

A meal planner for users based on their information and needs, using a **Django backend** to find the combination of foods to create the meal the most responding to their needs.

EDUCATION

2021 - Present

Software Engineering - 3rd Year

National Institute of Posts and Telecommunications - Rabat

2019 - 2021

Classes Préparatoires CPGE - MP

Ibn Tahir Center - Errachidia

2019

Baccalaureate

Salah Eddine el Ayoubi High School

TECHNICAL SKILLS

- Languages (**Java**, **Typescript**, **PHP**, **Python**)
- Frontend (**Next.js**, **React.js**, **Angular**)
- Backend (**Node**, **Spring**, **Django**, **Laravel**)
- DevOps (**Docker**, **GitLab**, **Kubernetes**)
- Databases (**MySQL**, **MongoDB**, **Neo4j**, **PostgreSQL**)
- Mobile Apps (**Java**, **React Native**)
- SEO (**Google Search Console** / **Insights**)

PRIZES & CERTIFICATIONS

- **Second Place** in **Fintech Hackathon**