

Aimane ACHACH

Cloud & Iot Engineering Student, INPT

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Profile

I'm a computer science student at INPT, specializing in cloud and IoT engineering. Passionate about software development, cloud computing, and DevOps, with a proficiency in web development and programming languages like Java and Python.

Professional Experience

Cloud Engineer Intern, Cloud Art 📄

2023 Jul – 2023 Aug
Casablanca

- Worked on the containerization of a web platform.
- Worked on the making of a cloud-ready service using Terraform IaC, AWS networking : VPCs, subnets, gateways, interfaces, etc. And AWS services such as : ECS Fargate, ECR, CW , EFS, Cognito, Route53, RDS, etc

Education

National Institute of Posts and Telecommunications (INPT),
Distributed Ubiquitous Systems - Cloud and IoT Engineering
2022 – 2025 | Rabat

Preparatory Classes Salmane El Farissi, MP
2020 – 2022 | Salé

Extracurricular Activities

Forum Geni-Entreprise,
Head of Communication

A2S Dev Cell, Member

Sport Committee, Vice-Chief

Photography Cell, Head of Cell

Projects

WeGiv - Your local sharing platform 📄

Web platform for donation and sharing of surplus food, used clothing, and other items.

- Create a user account/profile.
- List an article: food, medicine, miscellaneous.
- Browse other articles/profiles.

Technologies: ReactJs, Firebase

WeGiv - Android App 📄

Technologies: Java, Android Studio, Firebase

SmartParking App Backend 📄

The backend of an automatic smart parking system

- Plate number image recognition
- CarIn/CarOut processing servers

Technologies: Python, OpenCV, NodeJs, Mongoose, ExpressJs

DevOps integration for a microservice based app, "Pitstop"

- CI/CD pipelines with GitLab for each microservice, automating build, packaging, and deployment with Docker containers.
- Deployment of the application services in a Kubernetes cluster.

Technologies: Docker, GitLab, Kubernetes.

Skills

DevOps

Git - Gitlab - Docker - Kubernetes - Terraform

Cloud

KVM - Linux - AWS Services - OpenStack

Programming

Java - Python - JS

Web

HTML - CSS - NodeJs - React - Angular - Spring Boot

Databases

MySQL - MongoDB - Firebase

Languages

English

Fluent

French

Fluent

Arabic

Native

Certificates

- AWS Cloud Practitioner (CLF-C02) 📄