

Ayoub Aarrasse

Software Engineer

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in ayoub-aarrasse

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Profile

A software engineer, working mainly in the backend side of things in the hopes of one day becoming an architect.

Skills

Languages

Java, JavaScript, Go, Python, ReactJS, NextJs, NodeJS, JavaScript, TypeScript, Spring

DevOps

Docker, Kubernetes, GitLab, Terraform, GitHub Action

Cloud

AWS, Azure, OCI

Certificates

Oracle Certified Associate - Java 8

Associate Level

Awards

Ensias FinTech Hackathon 2023: Second Prize

BMCi

19 Mar 2023

Theme: Financial Inclusion

Languages

English

TOEIC 980/990 C1 - Fluent

French

B2 - Proficient

Arabic

Native

Education

Advanced Software Engineering for Digital Services

INPT, National Institute Of Posts And Telecommunications

Sep 2021 – Aug 2024 | Rabat, Morocco

CPGE, Classes Préparatoires aux Grandes Ecoles

Sep 2019 – Jul 2021 | Tetouan, Morocco

Professional Experience

Oracle

Backend Engineer / Research Assistant

Jun 2023 – Sep 2023 | Casablanca

- Worked in one of Oracle's flagship products, OCM or Oracle Content Management.
- Contributed to the conception and implementation of a pipeline for handling videos uploaded.
- Worked on the integration of video upscaling and optimization with the help of an third-party company, Crunch MediaWorks
- I was the lead representative in interactions between Oracle and Crunch Technologies: FFMPeg, OCI Media, Java, PostMan, MySQL, Kafka,

SmileMate

Software Architect / Backend Engineer

May 2023 – Sep 2023 | Casablanca

- Architected the whole product from client and server side and also the back-Office
- Developed the backend and the back-Office making sure the performance of the server would be optimal for 5000 concurrent user (Maximum number of possible users)
- Held multiple meetings with the investors trying to keep the workflow as agile as possible

Technologies: NextJs 13, Node Js, MongoDB, TypeScript, PostMan, AWS Lambda, AWS CloudWatch, Vercel

Nooba Health

Sep 2023 – present | Rabat

- Working on cleaning the code by establishing best practices.
- Re-concepting the database schema to better suit the business needs.

Projects

YouScout

Scalable social media application dedicated for scouting football talents with a microservice architecture

Jan 2023 – Jun 2023

- Divided the services that we will make using the Domain Driven Design approach.
- Developed the feed, the post and the chat service.
- Elaborated the CI/CD pipeline and worked on the hosting.
- Technologies: Spring Boot, Kafka, GitLab, ArgoCD, Azure, Kubernetes, Cassandra, CouchBase.

NutriLab

Web application for diet generation and monitoring powered by a linear-programming algorithm

Dec 2022 – Mar 2023

- Created the algorithm for the diet generation.
- Developed mainly the Backend and helped with the front.
- Technologies: NextJs, Django, Prisma, Docker, Vercel, Render.