KHALID BOUYCHOU

Software Engineer

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PROFILE

Computer Engineering student at 1337UM6P looking for a first job to gain professional expertise from senior developers. Eager to apply academic knowledge in a professional environment while developing technical and professional skills under the guidance of experienced mentors

PROJECTS

Pongamy (team project - WEB APPLICATION)   **(Django, React, Docker, PostgreSQL, Redis)**

Full-stack web application developed with Django, React, Docker and PostgreSQL allowing interactions via chat and channels.
My tasks:
- Implementation of authentication using JWT
- Created an interactive and responsive user interface for chat and channel interactions
- Profile Settings:
    * Match history
    * User status (online/offline)
    * Two-factor authentication (2FA)
- Implementation of multi-languages (i18next package)
- Implemented real-time communication using Django Channels and WebSockets
- Designed a PostgreSQL database schema using Django ORM for efficient data storage

INCEPTION (Devops)

(Wordpress , Docker , Ngnix , MariaDB , Shell)

An infrastructure for a WordPress site using containerization and virtualization technologies
- Built a secure and scalable infrastructure for a WordPress site using Docker and Nginx.
- Created custom Dockerfiles for services like NGINX (secured with TLS), WordPress, and MariaDB
- Utilized Docker Compose to manage containerized services and ensure data persistence with Docker volumes
- Designed an isolated network for containers to enhance security and controlled communication

EDUCATION

- Computer Engineering Student @1337-UM6P   Khouribga (2022 - Present)
- DTS in Computer Development @OFPPT   Kenitra   (2018 - 2021)
- High School degree @AlQodss   Kenitra   (2017)

SKILLS

Programming Languages: C, C++, JavaScript, TypeScript ,Python
Libraries/Frameworks: React, Next.js , Nodejs , Django, Express.js
Tools / Platforms: Git, GitHub, Unix CLI, Docker, Postman , Trello
Databases: PostgreSQL, Prisma, Redis , DjangoORM