Nazim A. Boukabous

Full Stack Developer

◎ Ottawa, Canada ⊕ ali-nazim.github.io
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TECHNICAL SKILLS

Design & Prototyping
- draw.io
- Figma
- Sketch

Languages
- HTML/CSS
- JavaScript
- Python
- Java (Android)
- SQL

Fontend
- React/Redux
- Next.js
- React Native
- Vanilla JavaScript
- Android Studio

Backend
- Django
- Node.js
- FastAPI
- Nginx
- Flask

DevOps
- Docker
- Github

Databases & Caching
- PostgreSQL
- MS SQL Server
- mySQL
- Redis
- SQLite

EDUCATION

2014 - 2019
Master's Degree
Software Engineering

University of Science Saad Dahleb Blida 1 - Algeria

LANGUAGES

English
Upper-intermediate

French
Advanced

SUMMARY

- Over **4 years of experience** specializing in developing **scalable RESTful web services** and **frontends** in **full stack roles**.
- **Master's Degree** in **Software Engineering**
- **Bilingual** English and French
- Proficient in programming languages and frameworks such as **Python**, **JavaScript**, **Django**, and **React**
- Proficient **problem-solver**, **detail-oriented team collaborator**, and **quick learner** for seamless adaptation.

EXPERIENCE

Full Stack Developer
Lilium Pharma Algérie

2022 - 2023

- Designed and implemented user interfaces using **React, Redux**, **React Native**, and **Next.js**, and integrated them with **back-end services**.
- Developed, tested, and secured **RESTful APIs** using **Django (REST)**, **Node.js**, and **FastAPI**.
- Collaborated through **Github** and used **Docker** and **Nginx** to deploy applications, **optimizing processes** with **Redis caching**.
- Incorporated the **PostgreSQL** database for integration, executing **complex queries** to **analyze data** in-depth, resulting in a **significant improvement** in efficiency, **enhanced user experience**, and system **optimization**.

Assistant Director of IS Management and Development
ANEP Communication & Signalétique

2020 - 2023

- Developed a process for a new information system, utilizing **draw.io (UML)** for designing the system architecture and creating user-interface prototypes with **Figma**.
- **Led a team of programmers**, managing tasks with **Jira** and versioning with **GitHub** for **stable** software environments.
- Created Internet and mobile applications using **React, Redux**, **Vanilla JavaScript**, **Android Studio**, and **React Native**.
- Developed optimized **APIs with Django (REST)**, **Node.js**, **FastAPI**, and caching with **Redis**, resulting in up to **96% faster response times**.
- Deployed applications securely using **MicroServices architecture**, **Docker** and **Nginx** proxy server.
- Designed database schemas using **draw.io** and developed using **PostgreSQL** and **MySQL**.

Application Engineer
ANEP Communication & Signalétique

2019 - 2020

- Designed and developed new applications and features that seamlessly integrated with related systems, adding value to the existing information system. Utilized technologies such as **StarUML** and **Sketch** for design and prototyping.
- Created software code for Internet and mobile applications, utilizing technologies such as **VirtualBox**, **Apache**, **React**, and **Vanilla JavaScript** for web application development, as well as **Java (Android)** for mobile application development, and successfully deployed them to **production** environments.
- Utilized **Django** and **Vanilla PHP** for backend development, and managed databases using **MySQL** and **MS SQL Server**, with **phpMyAdmin** and **MS SQL Server Management Studio** for database administration.
- Efficiently manage and maintain existing **VBA-based Information System** with **MS SQL Server**, overseeing stored procedures, views, and **complex queries** for seamless performance and data integrity.