Nazim A. Boukabous

Software Developer

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TECHNICAL SKILLS

Design & Prototyping

- draw.io
- Figma
- Sketch

Languages

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

Fontend

- React
- NextJS
- React Native
- Vanilla JavaScript
- Android Studio

Backend

- Django
- NodeJS
- 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

EXPERIENCE

Lilium Pharma Algérie   Part Time
Full Stack Developer   **2022 - 2023**

- Designed and implemented user interfaces using **React**, **React Native**, and **Next.js**, and integrated them with back-end services.
- Developed, tested, and secured RESTful APIs using **Django (REST)**, **NodeJS**, and **FastAPI**.
- Collaborated through **Github** and used **Docker** and **Nginx** to deploy applications, optimizing processes with **Redis caching**.
- Utilized **PostgreSQL** database for integration, resulting in improved efficiency, enhanced user experience, and system enhancement.

ANEP Communication & Signalétique   Full Time
Assistant Director of IS Management and Development   **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**, **Vanilla JavaScript**, **Android Studio**, and **React Native**.
- Developed optimized **APIs** with **Django (REST)**, **NodeJS**, **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.**

ANEP Communication & Signalétique   Full Time
Application Engineer   **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 **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.

PROJECTS

Restaurant Management App Preview   Django | JavaScript | SQLite | Docker

Developed a comprehensive restaurant app that seamlessly handles recipes, commands, invoices, customer loyalty, menu customization, discounts based on points, stock management, and incorporates a robust production management system.

SoundBOX Preview   React | TailwindCSS | FastAPI | JSON File

Developed a user-friendly web app for streaming audio from YouTube without video playback. It conserves bandwidth, offers playback controls, and allows users to create a Favorite list.

ChatBOX Preview   React | Styled Components | Express.js | NodeJS | Socket.IO

ChatBOX is a user-friendly chat app with a simple design that features a public room for open conversations. It offers real-time messaging with customizable usernames.