

# yasser younes sari bey

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## Work experience

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### **SOFTWARE ENGINEER | BANQUE NATIONALE DE L'HABITAT (BNH)** | 30/09/2023 - Current | alger, Algeria

Designed, maintained, and optimized the SQL backend of the bank's internal systems, focusing on secure and high-performance API development to ensure smooth integration between HR and financial applications. Developed and optimized RESTful APIs connecting HR and operational systems, implementing strict role-based access control (RBAC), API keys, and mutual TLS to secure sensitive data. Enhanced database security and performance using advanced SQL procedures, indexing, encryption at rest and in transit, and auditing mechanisms. Collaborated closely with IT and HR departments to align backend logic with business requirements. Contributed to the bank's digital transformation by ensuring data integrity, scalability, and system stability.

Skills :Python · FastAPI · Node.js · Express.js · React.js · TypeScript · SQL · PostgreSQL · MongoDB · REST APIs · API Security · Database Optimization · Data Encryption · Auditing · Backend Development · Full stack Development

### **IT Manager / Full Stack Developer (Web, Mobile, Databases & Architecture)** | Brothers phone | 31/08/2022 - 30/04/2024 | Algiers, Algeria

As an IT Manager, handled all IT needs, from development to systems administration. Designed, built, and maintained business web and mobile applications. Developed dashboards to manage stock, track sales, and monitor inventory in real time. Managed databases — schema design, query optimization. Built reliable, scalable software and system architectures.

Oversaw server administration, tool deployment, and technical support.

Implemented cybersecurity practices and ensured data protection.

Skills: Firmware · JTAG · Microcontrollers · Microprocessors · Back-End Development · Front-End Development · Full-Stack Development · Software Development · Embedded C++ · Databases · Node.js · Express.js · PostgreSQL · MongoDB · REST APIs · UI/UX · Responsive Design

### **Full stack developer** | DXG | 02/03/2020 - 04/01/2023 | algiers, Algeria

As an IT Solutions Developer on DXG, Designed and deployed full e-commerce platforms covering web, mobile, landing pages, payments, and fraud prevention. Developed a Shopify extension automating order management

Built responsive storefronts, and admin dashboards with secure APIs and scalable architecture (catalog, checkout, profiles). Built high-performance, accessible, and user-friendly interfaces with modern frameworks. Integrated payment gateways, pixel tracking, and API conversions

Skills: React.js · Node.js · Express.js · JavaScript · TypeScript · PostgreSQL · MongoDB · Redis · REST APIs · Authentication

## Education & Training

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### **Bachelor's Degree in Information Systems and Computer Security** | University of Science and Technology Houari Boumediene (USTHB) | 03/09/2018 - 20/07/2021 | bab ezzouar

**Field of study** Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)

### **CERTIFICATION IN IT, SOFTWARE AND WEB DEVELOPMENT** | Ibn Rochd - Higher Institute of Information Technology and Management | 01/10/2018 - 01/10/2021

## Skills

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React, Next.js, React Native | TypeScript | MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS) | Radix | Java (computer programming) | shadcn | OOP(Python, Java & C++) | database | Databases (MongoDB MySQL PostgreSQL) | solution deployment | DevOps | Javascript (React.js) | JavaScript Framework | Bootstrap and Tailwind CSS | Stripe Payments | Apple pay | Google Api et Firebase | Supabase