Ramzi Bouzaiene

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Summary

As a Full Stack Software Engineer with 3+ years of experience, I design, develop, and optimize web applications from architecture to deployment. I write clean, scalable code to ensure high performance and a seamless user experience. Passionate about problem-solving and continuous learning, I thrive on tackling complex challenges and building efficient, innovative solutions. I actively explore new technologies through side projects, refining my skills and staying ahead of industry trends. With keen attention to detail and a commitment to best practices, I deliver robust, scalable solutions aligned with business goals and industry standards.

EXPERIENCE

Proxym-Group

Tunisia, Sousse

Backend Engineer

Sept 2023 - Present

- Engineered scalable backend solutions for banking and telecom, leveraging Java, Spring Boot, JSF, and PostgreSQL to ensure high performance and reliability.
- Architected and implemented secure backend infrastructures for retail and corporate banking, enhancing data integrity and access control.
- Developed and maintained a JSP/PrimeFaces-based back-office system, streamlining administrative operations for bank management.
- o Contributed to mission-critical banking applications, supporting millions of users with secure and efficient financial services.
- Designed and optimized business processes using BPMN and Flowable, improving workflow automation and operational efficiency.
- Built a Java-based authentication system integrating a customized Keycloak SPI and SOAP communication with Vasco, strengthening security and user authentication.
- Mentored interns by providing technical guidance, fostering professional growth, and cultivating best coding practices.

Sastec Tn Tunisia, Sousse Jan 2023 - Aug 2023

Frontend Developer

- Developed reusable React. is components and exported them to Bit Cloud for multi-project use.
- Optimized real-time streaming apps for live meetings and video services.
- o Maintained projects by adding features, optimizing performance, and fixing bugs.
- Wrote unit tests for React components using React Testing Library and Jest.
- Delivered new features and improved application functionality.
- Converted UI/UX designs into responsive, high-performance websites.
- Enhanced skills by adopting best practices and performance optimizations.
- o Managed a Vue.js video player project, adding features and improvements.
- Migrated projects from REST APIs to GraphQL for better efficiency.
- Diagnosed and resolved production issues, ensuring system stability.

Siyou Technology Frontend Developer

Tunisia, Sousee

July 2022 - Dec 2022

- Developed new features and maintained a large B2S2C solution using Angular.
- Resolved production issues to ensure system stability.
- Contributed to the development of two Angular projects: B2S (Business to Shop) and S2C (Shop to Customer).
- o Built a new B2B platform using React, TypeScript, and Ant Design.

Programming Skills

- Languages: Java, JavaScript, TypeScript, Go Frontend: HTML, CSS, React.js, Angular, Vue.js, Redux
- Backend: Spring Framework, Node.js, Express.js Databases: MySQL, PostgreSQL, MongoDB, Firebase
- DevOps & Tools: Docker, Kubernetes, Kafka, Git, CI/CD, Argo CD, Jest, JUnit

Projects

UBank Data Warehouse: Developed a data warehouse for Banking-as-a-Service, centralizing ACH/NACHA, RTP, and FedNow transactions in PostgreSQL. Built a Spring Boot application for parsing and storing structured payment data, with Apache Superset enabling real-time transaction insights.

Tech Stack: #SpringBoot #ApacheCamel #ApacheSuperset #Java #PostgreSQL #ACHPayments

• BNA Bank: Developed and implemented a Java-based solution for BNA Bank, enhancing authentication, authorization, and validation with a custom Keycloak SPI. Integrated seamlessly with Vasco for SOAP-based user authentication.

Tech Stack: #Java #Gitlab #CICD #Keycloak #SOAP #SoapUI

• CORIS Bank Retail: Developed a scalable and secure banking application using Java Spring Boot, handling millions of users and critical transactions. Built core banking features and a robust back-office system for efficient operations, compliance, and security. Key contributions: Account, Bank, Billers, Cards, Transfers, and Currency Management.

Tech Stack: #Java #SpringBoot #JSF #SpringData #PostgreSQL #Keycloak #Liquibase

BICICI Bank: Development and implementation of an application dedicated to customer management (networking, files, supply contracts, agents, etc.) for the International Bank for Commerce and Industry of Ivory Coast.

Tech Stack: #Java #SpringBoot #SpringData #PostgreSQL #BPMN #Flowable #Primefaces

Custom Video Player Solution: Developed and customized an interactive video player using Vue.js and Vuex, featuring custom playback controls, interactive subtitles, and adaptive video quality. Designed for a modern, responsive UI with seamless integration across projects.

Tech Stack: #VueJS #Vuex #JavaScript #TypeScript #HTML5 #CSS

WebTv Platform: Developed multimedia content solutions with React.js, integrating GraphQL for efficient data handling. Optimized performance, built responsive UIs, and enhanced backend integration for video streaming services.

Tech Stack: #ReactJS #TypeScript #JavaScript #CSS #ReduxJS #RESTAPIs #GraphQL

SIYOU TECHNOLOGY (B2S2C): Developed a B2S2C e-commerce platform using Angular, integrating retail, online sales, and logistics. Built responsive UIs, implemented features, integrated APIs, resolved production issues, and contributed to B2S and S2C projects.

Tech Stack: #HTML #CSS #TypeScript #Angular #SCSS

Spring Boot Microservices: Developed a microservices-based system using Spring Boot and Spring Cloud. Implemented centralized configuration, service discovery, and API Gateway for efficient routing. Integrated Kafka for event-driven communication and used OpenFeign and RestTemplate for synchronous calls. Deployed services with Kubernetes and containerized them using Jib. GitHub Repository.

Tech Stack: #SpringBoot #SpringCloud #Kafka #OpenFeign #RestTemplate #Kubernetes #Jib

• Apple iPhone 15 Pro Replica: Built a replica of Apple's iPhone 15 Pro website using React.js and TailwindCSS. Leveraged GSAP for animations and Three.js for interactive 3D models, ensuring a seamless and responsive user experience. Live Demo — GitHub Repository.

Tech Stack: #ReactJS #TailwindCSS #GSAP #ThreeJS

EDUCATION

EPI - International Multidisciplinary School

Engineer's degree of software engineering - Evening classes

Tunisia, Sousse Sept. 2023

Higher Institute of Applied Science and Technology of Sousse (Issat Sousse)

Tunisia, Sousse Bachelor's degree of software engineering Sept. 2019 - June. 2022