

Ramzi Bouzaiene

Portfolio

GitHub Account

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LinkedIn Account

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.
 - 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
Frontend Developer *Jan 2023 - Aug 2023*
 - Developed reusable React.js components and exported them to Bit Cloud for multi-project use.
 - Optimized real-time streaming apps for live meetings and video services.
 - 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.
 - 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** Tunisia, Sousse
Frontend Developer *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).
 - 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

EDUCATION

- **EPI - International Multidisciplinary School** Tunisia, Sousse
Engineer's degree of software engineering - Evening classes 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