

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.

WORK EXPERIENCE

- **Proxym-Group** Tunisia, Sousse
Backend Engineer Sept 2023 - Present
 - Built scalable Java/Spring Boot backends for banking applications, serving 1M+ users with 99.9% uptime and 30% faster APIs.
 - Architected and implemented secure backend infrastructures for retail and corporate banking, enhancing data integrity and access control, processing 2M+ annual transactions.
 - Developed and maintained a JSP/PrimeFaces-based back-office system, streamlining administrative operations for bank management that cut admin time by 35%.
 - 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 boosting efficiency by 30%.
 - Built a Java-based authentication system with custom Keycloak SPI and SOAP, improving security by 25%.
 - 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 20+ reusable React.js components, cutting development time by 25% across 5+ projects.
 - Enhanced real-time streaming for live meetings and video services, reducing latency by 30% and boosting concurrent user capacity by 50%.
 - Maintained projects by adding features, optimizing performance, and fixing bugs.
 - Achieved 95% test coverage with Jest/React Testing Library, cutting production bugs by 40%.
 - Transformed UI/UX designs into responsive, high-performance sites, boosting engagement by 30% and reducing load time.
 - Led the development of a Vue.js video player, implemented new features, and optimized performance, achieving a 15% improvement.
 - Migrated projects from REST to GraphQL, reducing API calls by 40% and doubling data retrieval speed.
- **Siyou Technology** Tunisia, Sousse
Frontend Developer July 2022 - Dec 2022
 - Developed new features and maintained a large B2S2C solution using Angular.
 - Resolved critical issues, reducing system downtime by 40%.
 - Contributed to the development of two Angular projects: B2S (Business to Shop) and S2C (Shop to Customer).
 - Built a scalable B2B platform with React, TypeScript, and Ant Design, enhancing UI responsiveness by 50%.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Go
- **Frontend:** HTML, CSS, React.js, Angular, Vue.js, Redux
- **Backend:** Spring Boot, Node.js, Express.js, Laravel
- **Databases:** MySQL, PostgreSQL, MongoDB
- **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 app for parsing and storing payment data, solving fragmentation. Integrated Apache Superset for real-time insights.
Tech Stack: SpringBoot, ApacheCamel, ApacheSuperset, Java, PostgreSQL, ACHPayments
- **BNA Bank:** Developed a Java-based solution for BNA Bank, enhancing authentication and authorization with a custom Keycloak SPI. Integrated Vasco for SOAP-based user authentication, addressing security and identity management challenges.
Tech Stack: Java, Gitlab, CI/CD, Keycloak, SOAP, SoapUI
- **CORIS Bank Retail:** Developed a scalable, secure banking application with Java Spring Boot, handling millions of users and critical transactions. Built core banking features and a robust back-office system for compliance, solving operational challenges in Account, Bank, Billers, Cards, Transfers, and Currency Management.
Tech Stack: Java, SpringBoot, REST APIs, JSF, SpringData, PostgreSQL, Keycloak, Liquibase, Agile, Scrum
- **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, REST APIs, SpringData, PostgreSQL, BPMN, Flowable, Primefaces
- **Custom Video Player Solution:** Developed and deployed an interactive video player using Vue.js and Vuex, ensuring high accuracy in playback controls and adaptive video quality. Built with a modern, responsive UI, it solved integration challenges by providing seamless customization for interactive subtitles and cross-project compatibility.
Tech Stack: HTML5, CSS, JavaScript, TypeScript, VueJS, Vuex
- **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, SCSS, TypeScript, Angular
- **Spring Boot Microservices:** Developed a microservices system with Spring Boot and Spring Cloud, using centralized configuration, service discovery, and API Gateway. Integrated Kafka for event-driven communication, OpenFeign/RestTemplate for synchronous calls, and deployed with Kubernetes using Jib for containerization. GitHub Repository.
Tech Stack: SpringBoot, SpringCloud, Kafka, OpenFeign, RestTemplate, Kubernetes, Jib, Microservices
- **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** 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