

BILAL ABOUZID

Software Engineer | Go & React | Microservices | SaaS | Cloud
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PROFILE

Software Engineer with MSc in Computer Engineering. Experienced in SaaS development and specializing in microservices architecture, event-driven systems (gRPC, RabbitMQ), and multi-tenant environment. MSc in Computer Engineering with published AI + NLP research. I build products, not just code.

TECHNICAL SKILLS

Languages & Frameworks: Go, Iris, TypeScript, JavaScript, React, Redux, NodeJS, Express

Backend & Infrastructure: Microservices, gRPC, RabbitMQ, REST APIs, WebSockets, OAuth 2.0, Azure, AWS

DB & Tools: MySQL, MongoDB, Git, Docker, Agile/Scrum, Material-UI

PROFESSIONAL EXPERIENCE

INVENTO, Riyadh, Saudi Arabia *Feb 2024 – Present*

Software Engineer *Dec 2024 – Present*

- Lead the migration of standalone databases to a multi-tenant architecture, which simplified deployments and significantly reduced the OpEx.
- Develop backend features in Go microservices using gRPC and RabbitMQ for scalable, fault-tolerant event-driven workflows.
- Participate in code reviews and contribute to technical decisions, improving code quality and system architecture.

Software Engineer (Remote) *Feb 2024 – Dec 2024*

- Developed frontend solutions using React, TypeScript, Redux, and Material-UI as the primary frontend contributor.
- Collaborated with the backend team to integrate RESTful APIs and WebSocket connections for real-time updates.
- Worked in a fast-paced agile environment, contributing to daily stand-ups for continuous improvement.

OMNISHORE, Casablanca, Morocco *Jun 2021 – Sept 2021*

Software Engineer (Intern)

- Elicited client's requirements and mapped them into UML diagrams that guided the development process.
- Analyzed existing architectures and workflows, identifying bottlenecks and redundancies and reporting findings.
- Developed a RESTful backend with Laravel, MySQL, and MongoDB, turning client requirements into a PoC.

PROJECTS

Statisfy: Spotify Analytics Dashboard | [React](#), [Tailwind](#), [Recharts](#), [Spotify API](#)  

- Single place to track your spotify activity, stats, and taste using real time analytics powered by Spotify API.

Bug Watch: GitHub Bug Tracker | [Node.js](#), [Express](#), [React](#), [MongoDB](#), [GitHub API](#)  

- Bug tracker powered by GitHub API with OAuth sign-in. Helps tracking the bugs for github repositories.

EDUCATION

MSc, Computer Engineering: Cyprus International University *2022 – 2024*

Published "BEYOND 512 TOKENS: UTILIZING THE BERT LANGUAGE MODEL IN QUESTION ANSWERING FOR LONG INPUT PROCESSING" 

BSc, Computer Engineering: PIIMT - Private International Institute of Management and technology *2019 – 2022*

CERTIFICATIONS

Microsoft Azure: Azure Fundamentals (AZ-900) 

Red Hat: Fundamentals of Red Hat Enterprise Linux 

LANGUAGES

English: Bilingual

Arabic: Native

Bosnian: Limited

French: Limited