

Abdeldjalil Hebal

SOFTWARE ENGINEER

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"The impossible is possible! All you gotta do is make it so!"

Skills

Programming	JavaScript/TypeScript, VueJS, NodeJS, Java, SQL/PostgreSQL
Soft Skills	Creative problem solving, technical writing, knowledge sharing
Operating systems	Windows, Linux/Ubuntu
Languages	Arabic, English, French

Experience

The Trybe Agency

Algiers, Algeria

FULLSTACK DEVELOPER

2024 - Present

- **Lead Developer:** Architected and implemented a comprehensive supply chain management system as the primary developer.
- **Technical Leadership:** Designed system architecture and successfully proposed approaches including event-driven architecture and transactional outbox.
- **Tech Stack:** Developed using Vue.js, AG Grid, Node.js, NestJS, and PostgreSQL with focus on performance optimization and data correctness.
- **Documentation:** Created technical documentation to facilitate onboarding and knowledge transfer for QAs, PMs, and future developers.
- **Team Coordination:** Effectively managed collaboration with temporary developers during high-demand periods, ensuring seamless integration of their contributions.

Fullstack Developer

Skikda, Algeria

FREELANCE

2022 - 2024

- **Client-focused Development:** Collaborated with diverse clients, delivering tailored web solutions.
- **Full Stack Proficiency:** Expertise in JavaScript (frontend/backend), HTML, CSS, and frameworks.
- **Effective Communication:** Maintained open communication, addressed issues promptly, and gathered feedback iteratively.
- **Continuous Learning:** Committed to staying up-to-date with the latest technologies and industry trends.

Education

Master's in Software Engineering

Constantine, Algeria

UNIVERSITY OF CONSTANTINE 2 - ABDELHAMID MEHRI

2020 - 2022

- Thesis: **A Strategic Decision Model to Aid in Achieving Optimal Resilience of Microservices.**
- Developed a comprehensive understanding of software engineering principles and practices.
- Conducted in-depth research on microservices architecture and resilience strategies.

Bachelor's in Software Engineering

Constantine, Algeria

UNIVERSITY OF CONSTANTINE 2 - ABDELHAMID MEHRI

2017 - 2020

- Developed **Attendz**, a comprehensive attendance management system, as the final year graduation project.
- Consisted of three complementary parts: Backend (Java EE, PostgreSQL), Web app (JavaScript, Vue), and Android app (Java).
- Implemented an innovative attendance marking system using Wi-Fi, specifically utilizing mobile hotspots and inspired by blockchain.
- Focused on user experience with an ergonomic and frictionless design, enabling automatic attendance marking.
- Provided a fallback for manual attendance marking when participants had no mobile or no Wi-Fi connectivity.

Projects

Zero

JavaScript, VueJS, Web Messaging

API, Chrome Extension API

- Developed Zero Messenger, a dynamic chat application, as a self-directed project.
- Given only Facebook Zero's limited capabilities (static pages with no images), and inspired by TCP concepts, I came up with a design to make it more feature-rich (e.g., dynamic and with images).
- Implemented the frontend using JavaScript and VueJS to create a responsive and interactive user interface.