

Abdeldjalil Hebal

SOFTWARE ENGINEER

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

Skills

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

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 principles, 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.

Poculiform

.NET Remoting, Entity Framework,
WPF

- Developed a desktop application for a university laboratory management system.
- Created a user-friendly interface for easy navigation and efficient usage.
- Collaborated with laboratory staff and faculty to understand requirements and tailor the application to their specific needs.

Experience

Self-directed Learning

Global

LEARNER AND DEVELOPER

2017 - Present

- Engaged in continuous learning and self-improvement in the field of software engineering.
- Undertook personal projects to enhance skills in web development and Java desktop applications.
- Demonstrated a proactive approach to staying current with industry trends and advancements.

Administrative Assistant

Skikda, Algeria

DENTAL CLINIC

2022 - Present

- Provided administrative support to optimize daily operations of a dental clinic.
- Utilized Microsoft Office applications, including Excel, for efficient data management and reporting.
- Developed strong organizational and multitasking skills in a fast-paced environment.