

BOUCHACHI MEHDI-MOHAMED

Front-End / Full-Stack Web Developer

Open to Remote & Freelance



+213 667284306



mehdibch.dev@gmail.com



Blida, Algeria

EDUCATION

Licence – Information Systems & Software Engineering

Saad Dahlab Univ – Blida 1
(2022 – 2025)

Master 1– Software Engineering

Saad Dahlab Univ – Blida 1
(2025–Present)

TOOLS & WORKFLOW

- VS Code
- Git / GitHub
- Figma
- Trello / ClickUp
- NetBeans
- Canva
- Adobe Illustrator

LANGUAGE

- Arabic: Native
- English: Professional working proficiency

AVAILABILITY

- On-site roles in Algeria
- Remote full-time or freelance projects

PROFESSIONAL SUMMARY

Front-End and Junior Full-Stack Web Developer specializing in React, Next.js, and modern JavaScript ecosystems. Experienced in building scalable, maintainable user interfaces and integrating APIs, authentication systems, and databases. Led front-end teams, delivered production-ready web applications, and developed a multi-tenant B2B platform combining web, IoT, and device control. Available for on-site opportunities in Algeria and remote freelance engagements.

PROFESSIONAL EXPERIENCE

Freelance

2021 – Present

Desktop Application – Equester Club (2021)

- Built a desktop management app from scratch for club operations (members, payments simple, scheduling).

Web developer 2023 – Present

- Scoped, designed, and built production web apps and landing pages.
- Collaborated with clients on specs, timelines, and iterations.

Software Engineer

June – 2025

AeroLab (IoT + Web Platform)

- Developed a multi-tenant B2B web platform to manage and monitor automated aeroponic systems.
- Designed front-end architecture, authentication flows, and role-based access control.
- Integrated REST APIs and real-time communication using MQTT and ESP-NOW.
- Implemented reliability features including calibration routines and fail-safe mechanisms.
- Collaborated on hardware design with custom 3D-printed enclosures.

Front-End Team Lead & React Instructor

2023 – 2024

IT Community (ITC)

- Led a front-end development team and trained members from beginner to advanced React level.
- Designed and delivered a project-based learning curriculum.
- Supervised delivery of real-world applications including dashboards, authentication systems, and API integrations.
- Provided mentoring, code reviews, and performance optimization guidance.

TECHNICAL SKILLS

Front-End

- React, Next.js, TypeScript, JavaScript (ES6+)
- HTML5, CSS3, Tailwind CSS, CSS Modules, Styled-Components
- Component-driven architecture, accessibility, performance optimization
- GSAP animations

Back-End & Data

- Node.js / Nestjs / Express (fundamentals)
- REST API design and integration
- Supabase (Auth, Database, Storage)
- PostgreSQL, MySQL, MongoDB

IoT & Systems (Project-Based)

- Microcontrollers (N-Master / N-Slave topology)
- MQTT, ESP-NOW, REST communication
- Device calibration and fail-safe logic