

Ahmed Drioueche

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SUMMARY

Web developer with a degree in computer engineering, specializing in frontend development with React, Next.js, and TypeScript. Skilled in UI/UX design, and passionate about exploring backend development using Node.js.

EDUCATION

University of M'hamed Bougara - Institute of Electric and Electronic Engineering - Boumerdes.

Master's in Computer Engineering (English) 2022 – 2024

Bachelor's degree in Electrical and Electronic Engineering (English) 2019 – 2022

EXPERIENCE

Frontend Developer (React, Typescript) - Qareeb - Algiers, Algeria 11/2024 – Present

- Led frontend development of **Wizabot**, an AI-powered marketing assistant, from concept to MVP.
- Built the frontend with React and TypeScript, working closely with UI/UX designers.
- Integrated REST APIs in close collaboration with backend developers.
- Played a key role in transforming Wizabot into a market-ready product. [\[Link\]](#)
- Developed an AI-powered translation tool to streamline multi-language support for frontend projects.

Computer Engineering Intern - DOOFAS - Algiers, Algeria 01/2024 – 06/2024

- Built a desktop application using Electron.js, HTML, CSS, and JavaScript for configuring and diagnosing Modbus devices.
- Developed a lightweight web server with REST APIs using Mongoose and created a frontend with HTML, CSS, and JavaScript.
- Wrote firmware in C/C++ using FreeRTOS and STM32CubeIDE for communication between devices.
- Documented the full development process and implementation details.

PROJECTS

CodeArena: An AI-driven platform for fun and competitive coding battles. 2025

Reactjs, TypeScript, Redux, Tailwindcss, TanStack, Nodejs, Express, JWT, MongoDB, Gemini.
Built responsive React components with Redux for state management and integrated Gemini API for problem generation and validation; backend with Nodejs and MongoDB with authentication via JWT.

AI-Read: An intelligent reading web application. 2025

Nextjs, Typescript, Tailwindcss, Gemini, Prisma, Supabase, ElevenLabs, Microsoft Azure AI, Vercel.
Developed an AI-powered reader with instant translations via Gemini API, auto-scrolling and highlighting, Supabase authentication, and premium access with payment integration.

KeyMaster: A responsive web app for typing practice and real-time competition. 2024

Nextjs, TypeScript, Reactjs, Tailwindcss, Prisma, PostgreSQL, Supabase, Pusher, Bcript, Gemini, REST APIs, Vercel.

Built React.js components from scratch with real-time battles via Pusher, Supabase + PostgreSQL for user data, Prisma for schema management, room-based competitions, and custom competitor search.

GymPro: A gym managment web app with facial recognition. 2024

Reactjs, TypeScript, TailwindCSS, Nodejs, Express, JWT, TensorFlow.js, PostgreSQL, Prisma, Superbase, Nodemailer, Gemini, Bcript, REST APIs, Vercel.

Created React components for the frontend from scratch, and connected it to backend using REST APIs with secure authentication via JWT, used TensorFlow.js for facial recogniton, created a chat bot for the app using Gemini.

Pointer: A web app that rewards positive behavior in children. 2024

Nextjs, Reactjs, TypeScript, TailwindCSS, Nextauth, PostgreSQL, Prisma, Superbase, Nodemailer, Gemini, Stripe, Bcript, REST APIs, Vercel.

Used secure Google OAuth via NextAuth, email verification using Nodemailer, Gemini AI-generated quizzes for kids, a notification system, and Stripe-powered payments with a free trial.

SKILLS

Programming

JavaScript, TypeScript, Java, Python, C, Solid Principles.

Frontend Development

React.js, Next.js, Redux, JavaScript, TypeScript, TanStack, HTML, CSS, TailwindCSS , REST APIs.

Backend Development

Node.js, REST APIs, SQL, PostgreSQL, Prisma, Supabase, MySQL, MongoDB, Docker.

Tools & Project Management

Linux, Git, GitHub, Notion.

LANGUAGES

English: Fluent.

French: Meduim.

Arabic: Native.