

Adem Ben Abdallah

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OBJECTIVE

I am a proficient full-stack developer specializing in React and Next.js, with a strong focus on front-end development. I excel in designing and developing both front-end and back-end solutions, creating intuitive and efficient applications.

Utilizing technologies : such as TypeScript, React, Next.js, Node.js, Express.js, MongoDB, and PostgreSQL, I build scalable, dynamic, and responsive web applications.

Education

Higher Institute of Computer Science Sept 2021 – Jun 2023

- **Coursework:** Algorithm & Data structure, Artificial Intelligence, Database Management Systems, Computer Networks.

Experience

Front-End Developer, Quetrattech Nov 2023 – Jun 2024

- Created and maintained reusable React components for the SaaS application, increasing efficiency through modular design.
- Refactored old projects, improving component reusability and maintainability through modernization and code optimization.
- Converted Figma designs to React components, enhancing design fidelity and reducing development time.
- Wrote unit tests for React components, improving code reliability and reducing bugs through comprehensive testing.
- Collaborated with the backend team to implement an authentication system, increasing security through secure authentication protocols.
- **Leveraged knowledge in:** Full web development, TypeScript, Git, Zod, React.js, Redux Toolkit, Express.js, PostgreSQL, MongoDB, and debugging using Chrome Developer Tools.

Full Stack Developer , Intern, Handmade Graft Group May 2023 – Jun 2003

- Developed a B2B e-commerce website for a pottery business, enhancing online sales and customer engagement.
- Developed a system to optimize pallet and container selection for shipping pottery orders.
- Implemented algorithms to determine the most efficient and cost-effective packaging based on order details.
- **Leveraged knowledge in:** Reactjs, Nodejs, Expressjs, MongoDB

Projects

Ketabi ketabi.com

- Designed and developed a user-friendly website for Ketabi Library, facilitating book browsing and purchasing books, track orders, and view book statuses.
- Implemented features for users to track orders and view book statuses.
- Developed comprehensive admin functionalities for managing users, books, orders, and deliveries.
- Introduced a delivery management system, allowing admins to assign delivery personnel.
- Enabled deliverers to update the status of only their assigned orders.
- Tools Used: Nextjs, Typescript, zod, trpc, Prisma, PostgreSQL

FitFight fitfight.com

- Designed and developed a gym app with user account creation and blog reading functionality.

- Enabled admins to manage users, add subscriptions with start and end dates, and create coaches.
- Allowed coaches to create and manage blogs for users.
- Developed an admin dashboard to compare revenue and new user statistics against the previous month and year.
- Tools Used: Nextjs, Typescript, zod, trpc, Prisma, PostgreSQL

Technologies

Languages: JavaScript, TypeScript, HTML, CSS

Frameworks and Libraries: React, Next.js, Node.js, Mantine UI, Prisma, Blitz.js, Zod, tRPC

Tools: Git, Docker, VS Code

Database: PostgreSQL, MongoDB