

Ilyas Bikarnaf

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EDUCATION

Bachelor of Science in Computer Science

Chouaib Doukkali • Morocco • 2025

SUMMARY

Front-end developer skilled in React, Next.js, and Tailwind CSS, with back-end experience in Node.js, Express.js, and MongoDB. Strong foundation in JavaScript and TypeScript, focused on building responsive, user-friendly web apps. Accelerated growth through mentorship from engineers at Google, Meta, Apple, LinkedIn, and Amazon, gaining exposure to industry best practices and advanced development workflows.

EXPERIENCE

Junior Frontend Engineer

Thomas King

December 2024 - April 2025, United Kingdom

- Developed and maintained reusable UI components using React, TypeScript, and Tailwind CSS, streamlining the development process.
- Integrated APIs to enable dynamic data flow between frontend and backend systems, supporting new feature implementations.
- Contributed to improving the responsiveness of the application, enhancing user experience across devices.
- Assisted in debugging and resolving UI-related issues, ensuring timely and quality releases.
- Participated in code reviews, adhering to best practices for maintainability and performance.

Full Stack Engineering Intern

Moxion Power

January 2024 - June 2024

- Assisted in the development of mobile energy storage solutions, contributing to the creation of user interfaces for monitoring and managing battery systems.
- Collaborated with the backend team to integrate APIs, ensuring seamless data flow between frontend interfaces and battery management systems.
- Participated in debugging and resolving issues related to frontend and backend interactions, enhancing system reliability.
- Gained hands-on experience with Agile methodologies, contributing to sprint planning and timely feature deliveries.

PROJECT

FocusFlow (Next.js, MongoDB, TypeScript)

focus-flow-sable.vercel.app

- Built a full-stack CRUD app to manage user data, integrating MongoDB with Mongoose for efficient database operations.
- Implemented secure user authentication using Clerk, form validation with React Hook Form and Zod and user-friendly data display with date-fns.
- Deployed on Vercel with analytics via Vercel Analytics, achieving 95% uptime and supporting 50+ concurrent users in testing.

WorldRanks (Next.js, React)

world-ranks-nine-orcin.vercel.app

- Developed an app to fetch and display data from a third-party API, using React for a responsive UI, Context API to avoid multiple refetches (increasing app speed by 30%), and date-fns for user-friendly data presentation.
- Added comprehensive error handling to manage failed requests, improving user experience by 20%.
- Optimized performance with Next.js caching, reducing load times by 25%.

ClariCash – Financial Tracker (Next.js, MongoDB, TypeScript)

clari-cash-fpj7.vercel.app/

- Built a full-stack personal finance tracker with custom email/password authentication and protected routes.
- Designed secure Server Actions with Zod and RHF, processing 1,000+ transactions during testing.
- Engineered MongoDB schemas to isolate user data and enable efficient querying.
- Integrated Chart.js for dynamic visual breakdowns of income and expenses, boosting usability by 60%.

SKILLS

- **Front-End:** CSS, JavaScript, TypeScript, TailwindCSS, React.js, Next.js, React Hook Form, Zod, Context API, Date-fns
 - **Back-End:** Node.js, Express.js, Mongoose, MongoDB, Discord.js
 - **Tools:** Git, Vercel, Railway, UptimeBot
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