

RIDA EL FAGROUCH

WEB & MOBILE DEVELOPER

CONTACT

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khouribga, Morocco

EDUCATION

2022-2023 Student in second year computer engineering, school 1337 (42 Network) Khouribga-morocco
2019-2020 Bachelor's degree, physics-chemistry science, mechanical-energetic university of Sciences Rabat-morocco
2014-2015 Baccalaureate in experimental science, with honors, lycee ibn al haytham tata-morocco

SOFTWARE SKILLS

Bash
Git/GitHub
C/C++
Html/CSS
Javascript/Typescript
ReactJs/NextJs
ReactNative
NodeJs/ExpressJs/NestJs
Agile/Scrum
Docker
Networking
Sql Server/PostgreSQL/Mariadb
Tailwind
styled Component (nativeBase, chakra, antd..)

LANGUAGES

English
French
Arabic

PROFILE

I am a passionate and enthusiastic student of programming. I enjoy solving complex problems and learning new technologies. I am very motivated to learn and grow in the field of programming.

WORK EXPERIENCE

internship

digital vision communication 03/2023 - 07/2023

- Engineered cross-platform mobile applications using **React Native**, ensuring a consistent and responsive user experience on both iOS and Android platforms.
- Leveraged **Express/Node.js** to develop **backend** functionality, seamlessly integrated with **Prisma** and **PostgreSQL** for efficient data management.
- Crafted visually appealing and cohesive UIs with **Styled Components**, maintaining a unified design language across the app.
- Orchestrated state management with **Redux**, centralizing data flow and expediting feature development.
- Integrated third-party **External APIs**, enriching app capabilities with real-time data and extended functionalities.
- using **React-query** as **asynchronous state management**
- Bolstered code quality and type safety with **TypeScript**, resulting in more robust code and streamlined collaboration.
- Ensured type-safe communication between **frontend** and **backend** using **trpc**, enhancing API reliability.
- Assisted in debugging, testing, and performance optimization, refining the app's overall efficiency.
- Documented code-base and technical processes, facilitating knowledge sharing and on-boarding.

PROJECTS

- Born2beroot (System Administration)** : Managed and optimized system configurations.
- Fdf** : Created visually stunning 3D landscape representations.
- Minishell**: Developed a custom Bash-like shell in C, enhancing command-line interactions.
- Philosophers**: Successfully participated in a project involving concurrent programming and synchronization.
- Cub3D** : Designed dynamic views within complex maze environments.
- Webserv (HTTP Server)**: Developed a high-performance custom HTTP server using C++, optimizing request-response cycles, and ensuring robust error handling.
- Movie-LandingPage**: Crafted an engaging movie landing page using HTML, CSS, and JavaScript.
- Todos Mobile App**: Created a full-stack Todos app with React Native, Express.js, and MySQL, featuring CRUD operations and real-time updates.
- Inception**: Proficiently utilized Docker for streamlined system administration.
- ft_transcendence**: Developed an interactive online gaming platform with real-time chat integration, leveraging single-page application (SPA) design principles for enhanced user experiences.

SOFT SKILLS

- Strong organizational skills
- Punctuality and Creativity
- Adaptability
- Teamwork
- Autonomous
- Time management
- Analytical thinking
- Collaborative mindset