Mohamed Aziz Laouiti

Cell: (202)718-6730 | **Email:** azizrocke@gmail.com | washington, D.C 20005
Github:github |**Blog:** blog url |**Linkedin:** linkedin |**Website:** website

FULL STACK SOFTWARE ENGINEER

Skilled and results-driven software engineer with experience designing and building secure REST APIs. Well versed in several programming languages such as javascript , ruby and python, with a constant drive for self-development, and learning new technologies and languages

TECHNICAL SKILLS

Programming Languages : Ruby, Javascript , python , Typescript
Software and IDE : Git, Postman, VMware,Visual Studio
Operating Systems: Linux (Ubuntu,manjaro), Windows
Databases: PostgreSQL,Sqlite3, SQL.
Web Technologies and Frameworks : API, JSON, CSV, REST, HTML,CSS,Ruby on Rails , reactjs , sinatra ,

ActiveRecord(ORM), ActionCable , Jset , rspec , Node Redux , heroku , redis , WebSockets

TECHNICAL PROJECTS

Try and guess Github | Demo
 An Interactive platform based around chatting with others /drawing
- Developed full backend infrastructure to manage user authentication, posts
- Maintained full-duplex communication channels over a single TCP connection
- Implemented React-Redux as a state-management system to simplify and standardize state data across the application.
- Utilized JSON tokens and localStorage as a method of client-side user authentication.
- Developed REST API endpoints to transfer data among frontend, backend, and database
- Maintained a client/server connection using WebSockets

Book Club Github | Demo
An application that allows users to make transactions to buy and sell books
- Developed a frontend dashboard for use by full CRUD actions on data
- Implemented a store section that lets users check for books and read about people's reviews
- Created a mobile friendly frontend web application
- Implemented React-Hooks utilizing functional Components patterns
- Developed a frontend for users to make full CRUD operations

Github pageScraper Github | Demo
An API service that allows users to retrieve github repo information
- Developed an API service for retrieving pinned repos on GitHub
- Scraped the Web with Node.js , Finding Undocumented APIs and Reversing Engineering Data Formats.

Collaborative VisualEditor Github | Demo
An interactive platform based around collaborative work between different users using an online visual editor
- Utilized WebSocket Architecture to create Live Interaction between different clients with onTime response enabling simultaneous and bidirectional communication, allowing both client and server to send messages at any time through the channel.

EDUCATION

Flatiron School |*remote*   **05/ 2021 - 10/2021**
- *Full Stack Web Development, Ruby on Rails and JavaScript program*

Carthage presidence High School   **Fall 2016 – Fall 2020**

- **Baccalaureate** *mechanical and electrical engineering* ***Major***   Tunis,Tunisia
- *Cumulative* **GPA** 3.5/4.00

BIAT Foundation | Tunis,Tunisia | **Apr 2019**

- Helped improve the living experience of kids with rare disease
- Pitched entrepreneurial concept to a large jury, scoring 5th place nationally for most creative idea
- Designed the logo and UI of the project
- Collaborated with group of 5 to develop the **Business Model Canvas** (BMC)

LANGUAGES

- English | *fluent*
- French | *native*
- Arabic | *native*