YOUSSEF RAGAB
FULL STACK DEVELOPER

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SUMMARY

Enthusiastic Full Stack Developer with a strong foundation in both frontend and backend technologies. A graduate of a coding bootcamp and experienced intern at Alibi, contributing to the development of a nightlife software. Proficient in Node.js, React (TypeScript), and Python Django. Demonstrated ability to design and implement robust, scalable solutions. Committed to continuous learning and staying abreast of industry trends.

SKILLS

LANGUAGES: Arabic, English, German
PROGRAMMING LANGUAGES: CSS, Go, HTML, Javascript, Python, Ruby, Solidity, SQL, Typescript
FRAMEWORKS: Django, ExpressJs, Material-UI, MongoDB, NextJs, Postgress, Rails, React Native, ReactJs, Redux, ThreeJS
TESTING: Jest, Mocha

EDUCATION

Lighthouse Labs   Jan. 2022 - Apr. 2022
Full Stack Web Development bootcamp 2022

Carleton University   Sept. 2013 - Dec. 2018
B.A. Honours: Economics, Financial Economics 2018

EMPLOYMENT

GuildsPro, *Full-Stack Developer*, Remote from Montreal - Calgary, Alberta   Jan. 2024 - Current
- Develop and maintain web applications using Next.js, ReactJs frameworks in TypeScript, based on the existing mobile app design and requirements.
- Utilize Material-UI library to create intuitive and visually appealing user interfaces.
- Assist in the development of APIs using GoLang to provide robust backend functionality.

Alibi, *Full-Stack Engineering Intern*, Toronto, Ontario   Aug. 2023 - Dec. 2023
- Implemented changes in the state management layer of the nightlife software, transitioning from Redux to React Context API.
- Utilized React and React Native for frontend development, contributing to the user interface and experience of the nightlife software.
- Contributed to the ongoing development and maintenance of the Firebase backend, ensuring data integrity and security.

Agora Vending Machines, *Account Manager*, remote from Montreal   Jan. 2021 - Dec. 2022
- Led branding and promotion to enhance customer experiences and drive sales.
- Addressed and escalated customer issues and leveraged resources to implement actionable solutions.
- Negotiated contract terms and service agreements to meet both sales quotas and client budget constraints.

State Street Bank, *Corporate Actions Associate*, Montreal   Sept. 2019 - Dec. 2020
- Processing of mandatory corporate action events (exchange offers, mergers, stock splits, etc.) during their full lifecycles from announcement capture or elections to payments.
- Communicated with internal departments to ensure resolution of any outstanding issues resulting from redemptions and settlements.
- Investigated and resolved exceptions, reconciliations, incorrect transactions, and cash/asset out-of-balances.

PROJECTS

3D Portfolio Video Game   Feb. 2024 - Current
Description:
- Want to browse through my projects and skills in a more visually pleasing way? Check out this interactive 3D portfolio I created
Key Features:
- Created an interactive 3D experience using ThreeJs library, editing 3D models in blender and generating object interaction using rapier physics engine
Tech Stack: HTML, CSS, Javascript, ThreeJs
Code Link: https://github.com/youssefrag/3d-portfolio

WebsiteBuilder   Aug. 2023 - Current
Description:
- Developed a dynamic website builder for website creation and customization using an intuitive user interface
Key Features:
- Implemented a component library featuring heading text and image components.
- Enabled real-time preview, allowing users to visualize changes instantly.
- Generated shareable preview links for collaboration and feedback.
- Hosting images using AWS S3 Bucket
Tech Stack: Frontend: TypeScript, React.js, Redux, Backend: Node.js, Express.js, Database: MongoDB, AWS S3
Live demo: https://websitebuilder.onrender.com/

Twinner   Nov. 2022 - Feb. 2023
Description:
- Developed a Twitter-inspired social media platform, Twinner
Key Features:
- Post Creation and Engagement Features: Implemented an interface allowing users to share posts with comment and like functionality.
- Database Management: Integrated a PostgreSQL database hosted on Amazon Web Services (AWS) for efficient data storage, retrieval, and management.
Tech Stack: Frontend: TypeScript, React.js, Backend: Node.js, Express.js, Database: PostgreSQL (Hosted on AWS)
Live demo: https://twinner-demo.herokuapp.com/ (Loading time is around 10 seconds)

BoxShop   Oct. 2022 - Oct. 2022
Description:
- BoxShop stands as an e-commerce platform specializing in the sale of boxing equipment.
Key Features:
- Full-Stack Development: Utilized Python with Django for the backend and ReactJs with Material-UI (MUI) for the frontend, ensuring a well-rounded and responsive application.
- Database Management: Integrated a PostgreSQL database hosted on Amazon Web Services (AWS) for efficient data storage, retrieval, and management.
Tech Stack: Backend: Python, Django, Frontend: ReactJs, Material-UI (MUI), Database: PostgreSQL (Hosted on AWS)
Live demo: https://boxshop-demo.herokuapp.com/ (Loading time is around 10 seconds)