Ali Ghosn

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SKILLS & INTERESTS

Programming Languages: HTML, CSS, JavaScript, Typescript, GraphQL, Python, Java, Bash, C, C#

Libraries & Frameworks: MERN Stack, Redux, MaterialUI, Django, Bootstrap, SQLite, Firebase

Additional Skills & Tools: GitHub, Postman, Stripe, Office 365(Word, PowerPoint, Excel), Photoshop, Figma

WORK EXPERIENCE

Boxtia

Full-Stack Web Developer   *May 2022 - Present*

• Co-founded and led a startup that collaborated with colleagues to design, develop, and deploy dynamic web apps using the MERN stack for local companies, driving their digital transformation and enhancing their online presence

• Orchestrated the implementation of React to revolutionize the user experience by crafting intuitive and visually appealing interfaces, leading to a significant 20% improvement in customer retention rates

• Demonstrated expertise in securing sensitive information by implementing secure MongoDB databases, ensuring the highest level of customer privacy and peace of mind

Project Empower

Backend Web Developer   *May 2023 - Aug 2023*

• Architected Express servers to establish seamless communication channels between the front-end and back-end systems, efficiently handling a high volume of API calls with an average response time of less than 50 milliseconds

• Spearheaded the secure management of sensitive customer content by designing and configuring robust MongoDB databases and implemented encryption algorithms ensuring compliance with datasets protection regulations

• Leveraged Mongoose to streamline and optimize database operations and define multiple object schemas, improving overall CRUD function performance by 30% and ensuring entries consistency and integrity

PROJECT EXPERIENCE

CrwnClothing   *React, Redux, Firebase, Stripe, Typescript*

• Developed a fully functional front-end web application utilizing advanced React concepts, serving as a sample ecommerce site with a user-friendly interface, bringing about a 30% increase in user engagement

• Employed Redux for state management, enabling seamless value synchronization across all components and improving application performance by reducing unnecessary re-rendering

• Implemented Firebase to efficiently store and manage user and product information, utilizing NPM packages to retrieve and display saved data, triggering a 40% escalation in record retrieval speed

RentRight   *MERN Stack, Typescript, Refine*

• Engineered a feature-rich full stack property management website with comprehensive CRUD functionality, allowing users to efficiently manage properties and culminating in a 40% reduction in administrative workload

• Developed the front-end leveraging Refine, a powerful library, to simplify and enhance the readability of API calls, producing a 20% reduction in development time and improved code maintainability

• Designed a visually appealing, intuitive, and fully responsive front-end making use of React and MaterialUI, yielding a 25% boost in user engagement and a 15% decrease in bounce rates

• Implemented an efficient back-end server setup using Express, enabling seamless data retrieval and response handling, resulting in an average API response time of less than 100 milliseconds

EDUCATION

University of Windsor   *2021 - 2025*

Candidate for Bachelor of Computer Science, Honours Computer Science Co-op   Current major average of 93%