

YOUSEF OUDA

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Experienced Front-End Engineer with 6+ years in JavaScript, HTML, CSS, and frameworks like React and Angular. Skilled in developing web applications, creating prototypes, translating business requirements into high-performance solutions, and collaborating with cross-functional teams. Strong problem-solving abilities and a passion for optimizing user experience and mentoring junior engineers.

EDUCATION

Bachelor of Engineering Science, Software Engineering – Western University London, Ontario
• Western Scholarship of Excellence; Dean’s Honor List 2020

WORK EXPERIENCE

Intermediate Front End Developer Vancouver, British Columbia
TikTok / DataPower April 2024 – November 2024

- Introduced new metrics and improved data visualization, providing users with clearer and more actionable insights.
- Streamlined access control using advanced permission management, ensuring secure and appropriate user access.
- Successfully increased user engagement, with an 11.2% increase in page views and a 9.9% increase in unique visitors, by implementing user preferences storage and reducing the need for multiple clicks.
- Enhanced user interaction tracking, leading to better understanding of user behavior and improved feature design.
- Developed comprehensive technical documentation, facilitating smoother team collaboration and future maintenance.
- Led the successful migration from the default external public CDN to our business private CDN, resulting in more efficient cost management and minimized potential service disruptions through comprehensive risk assessment and mitigation strategies.
- Enhanced system reliability by implementing issue monitoring, ensuring prompt response and resolution of issues, maintaining a high service level agreement compliance rate, and improving overall system up-time and performance.

Front End Developer Markham, Ontario
IBM Canada / Turbonomic February 2023 – February 2024

- Led the migrating for specific features and pages from AngularJS to React. This included implementing a dynamic data grid table with tree selection, pagination, filtering, and ensuring flexibility and maintainability through a column definition structure.
- Served as a subject matter expert in specific areas of our codebase, demonstrating an exceptional understanding of new features and innovations introduced, enabling swift problem resolution, code quality improvements, and increased efficiency.
- Presented innovative features to vice presidents, emphasizing their potential impact on product excellence.
- Worked closely with teammates daily, providing issue resolution, triage support, and contributing to codebase enhancements.

Front End Developer Markham, Ontario
IBM Canada / Watson Orchestrate July 2020 – February 2023

- Collaborated with cross-functional teams of 25+ members in design, product, and back-end to create and maintain web products, resulting in seamless development and improved efficiency.
- Spearheaded the implementation of a responsive, mobile-first approach and strategy, prioritizing user-centric design principles, touch-friendly interfaces, fluid layouts, and performance optimization, resulting in a 20% increase in mobile traffic.
- Revamped 50% of codebase, improving code structure and information availability, while adhering to design and accessibility.
- Proactively participated in adopting the latest React hooks and Redux Toolkit, contributing to project innovation and efficiency.
- Conducted code reviews with 3 senior developers and team leads to ensure high-quality and reusable code.
- Mentored and guided new front-end developers, facilitating their professional growth and helping them achieve personal goals.

Front End Developer Markham, Ontario
IBM Canada / Carbon Components Angular May 2018 – April 2020

- Built 15 UI components for IBM Carbon Angular, enhancing functionality and driving a 30% increase in global adoption.
- Created 40+ rigorous tests for each new component, resulting in a reduction in bugs and ensuring high-quality and reliable code.
- Ensured the technical feasibility of 100+ end-to-end UI/UX designs for performance complexity, scalability, quality, and security.
- Developed a streamlined boilerplate app for rapid UI prototyping, facilitating faster iteration and feedback cycles.
- Provided technical support to diverse global clients, resulting in an increase in client retention and satisfaction.

PROJECTS

Soccer Drop-In (Active Project with 200+ Users) November 2024 – December 2024
• Engineered a soccer management app with React, Node.js, and Firebase, enabling players to join games, manage waitlists, and request refunds. Integrated Stripe for secure payment processing and Firebase for real-time updates and authentication.

Self-Start Body Smart September 2017 – April 2018
• Coordinated with a team of 6 and the CEO of Marcotte Physiotherapy to engineer an online physiotherapy service, enhancing patient engagement and performance. Developed using Ember.js front-end and Node.js/Express.js back-end with MongoDB.

NASA Collections November 2017 – December 2017
• Developed a robust web application using Angular 4, Node.js, MongoDB, and a REST API, enabling users to securely search and share NASA image collections, with authentication and authorization protocols, fostering collaboration and knowledge sharing.

SKILLS | Order of Proficiency

- **Languages:** Typescript, HTML, CSS, JavaScript, C#, Java, C++, SQL
- **Frameworks, Libraries & Applications:** React, Angular, Git, Storybook, Ember.js, Node.js, Express.js, MongoDB