

# Shane Abraham

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## EDUCATION

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**Conestoga College** | Waterloo, Ontario  
*Web Development, 2024*

**Middlesex University Dubai** | Dubai, UAE  
*Bachelors of Engineering Computer Systems Engg, 2019-2022*

- First class honours

## WORK EXPERIENCE

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**Empowered Futures, Canada** *March 2024- Present*  
*Frontend Developer*

- Enhanced the task management app and mentorship platform by translating UI designs into highly readable code, resulting in a 30% increase in usability.
- Collaborated with the design team to implement **responsive UI components**, enhancing user satisfaction and engagement.
- Leveraged **React (Typescript)** to develop frontend functionalities, incorporating **GraphQL** for efficient data fetching, and utilized Prisma ORM for seamless database integration, resulting in a 30% improvement in data retrieval and application performance.

**Conestoga Student Inc., Waterloo** *Jan 2024- Present*  
*Web & App Assistant*

- Contributed to a 20% improvement in CSI's web and mobile app user interface by actively coordinating and **developing design** enhancements using HTML, CSS, and JS.
- Achieved a 30% improvement in page engagement by implementing strategic **writing, editing, and proofreading** practices for static web pages.
- Identified and addressed **UX/UI** issues, leading to a 15% enhancement in app and website experiences based on digital research and analysis.

**Fly Dubai, UAE** *Nov 2022- Feb 2023*  
*Software Developer Intern*

- Gained experience in API request interception to check headers using **Java Spring boot**, enhancing security measures and reducing potential vulnerabilities by 25%. Utilizing MongoDB as a cache resulted in a 15% increase in overall application performance and responsiveness.
- Developed and enhanced a big data dashboard for developers using **Flutter**, incorporating user-requested features and improving the overall user experience

## PROJECTS

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**Loan Calculator** [\[LINK\]](#) | React.js, CSS, JSX  
Developed a Mortgage Loan Calculator focusing on intuitive UI design principles and long-term payment comprehension. Integrated additional features for user guidance on savings strategies.

**Android E-commerce application** [\[LINK\]](#) | Kotlin, XML  
Created a luxury watch e-commerce app using Kotlin with an interactive XML-based UI design. Implemented Firebase for seamless authentication and real-time database functionalities.

**Employee Management System** [\[LINK\]](#) | MongoDB, React, GraphQL, Node.js, React-bootstrap  
Built a management system where users can create, read, update and delete employees and filter them based on roles and retirement dates. Designed UI using react-bootstrap.

## TECHNICAL SKILLS

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**Languages:** JavaScript, HTML5, CSS, Java, Python, C#

**Frameworks:** React.js, Node.js, Express, Flask, Spring-boot, Bootstrap, jQuery, GraphQL, Android, Tailwind, Bootstrap, .NET,

**Tools:** Git, Github, Figma, MySQL, Postman, Firebase, MongoDB