Danyal Yousuf

📞 647-762-5009 ✉ danyalyousuf05@gmail.com 🔗 https://www.linkedin.com/in/danyal-yousuf ⚙
github.com/danyalyousuf

Education

McMaster University   Expected April 2027
Bachelor of Engineering in Software Engineering   *Hamilton, Ontario*
- **Relevant Coursework:** Data Structures and Algorithms (Java), Introduction to Software Development (Java), Objected-Oriented Programming (Java), Software Engineering Practice and Experience (C)

Experience

Chef Katers   Oct 2024 – Present
Software Engineer   *Remote*
- Attend weekly meetings to discuss business ideas, marketing strategies, and website layout plans.
- Develop webpage layouts using React.js.
- Implemented 10+ components from the Bootstrap React framework
- Submit tasks for approval on GitHub before publishing to the live domain.

Engineering For Kids Halton   Oct 2023 – Present
Lead Teacher   *Milton, Ontario*
- Educate young students about the various disciplines of engineering and their real-world applications. Increased number of held classes by 10%, with 4-5 students per class.
- Guide students in developing projects that apply engineering fundamentals while adhering to real-world methodologies, such as the Engineering Design Process.
- Showcase the organization's projects to interested families considering enrolling their children in the provided camps.

Projects

RestNReview | *EJS, Express.js, MongoDB, Mongoose, MapTiler, Passport.js, Cloudinary, Render, Bootstrap*
- Built a CRUD-based web application to explore, post and manage hotel listings.
- Implemented secure user authentication and authorization.
- Designed dynamic routing for seamless navigation.
- Utilized MongoDB Atlas for scalable and secure cloud-based data storage.
- Managed cloud-based image storage and delivery using Cloudinary.

Streetball Scorekeeper | *HTML, Bulma, JavaScript, GitHub Pages*
- Built a dynamic front-end application for tracking basketball game scores
- Ensured automatic size responsiveness using the Bulma CSS framework
- Deployed the application via GitHub Pages for easy access and sharing.

Quanser QArm Automation | *Python, Quanser, QLabs*
- Created a Python program to automate a QArm robot to pcik up and transfer sterilizing containers to their designated autoclaves
- Simulated 3D environment using QLabs

Technical Skills

- **Languages:** JavaScript, Lua, C, Java, Python, C++, HTML, CSS, C#, Verilog

- **Technologies:** React.js, Express.js, Bootstrap, Bulma, Node.js, MongoDB, Mongoose, EJS, Passport.js, Helmet, Cloudinary, Render, Git, GTK, GitHub, Maven, Unity, Quartus