**Subarna B. Khadka** 3664 St Claire Av. East

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https://subarna-portfolio.herokuapp.com

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**WEB DEVELOPER**Self-Driven | Highly Motivated | Goal oriented

* 1+ years of experience in fast faced and sprint-driven environment using front-end technologies, such as Angular, React, and RxJS to different clients of WIMTACH.
* Experience with unit testing with Jest.
* Passionate about JavaScript technologies and frameworks.
* Quick learner, passionate about problem-solving techniques and mathematics.
* Strong interpersonal and communication skills.

**TECHNICAL SKILLS**

* Programming: JavaScript (ES6), Typescript, C#, Java, and Python
* Front-end: Angular, React, HTML5, CSS3, SCSS, Bootstrap, Flexbox
* Back-end: ASP.NET, Spring
* Databases: MS SQL, MySQL, Oracle, MongoDB, and AWS Dynamo DB
* Testing: Jest, Jasmine
* Project Management Tools: Jira, Trello
* Other: Git, Agile, SDLC, AWS (S3, DynamoDB), Azure, Docker, JSON

**RELEVANT EXPERIENCES**

**Front-end Developer (Co-op) - Xello** Apr. 2021 – Dec. 2021

Centennial College – WIMTACH, Toronto, ON

(WIMTACH - Wearable Interactive, Mobile Technologies and Access Centre in Health – A division of Centennial College for applied research and development with industry partners)

* Worked as a frontend developer to migrate an Angular JS application to angular 2+ application that involves migrating Angular JS services, filters, controllers, and directives.
* Performed functional testing on the migrated feature and wrote unit test on Jest for more than 80% test coverage.
* Participated in product demo and technical demo with client and project team.
* Performed PR reviews and provided feedback to the fellow developers.

**Front-end Developer (Co-op) - Alpha** June 2020 – Jan. 2021

Centennial College – WIMTACH, Toronto, ON

* Worked as front-end developer to upgrade a legacy web application using HTML, CSS, TypeScript, Bootstrap, Flexbox, Angular 9, Angular Material, and JSON.
* Responsible for developing reusable services and UI components.
* Implemented features using user stories, UI mockups, and confluence documents.
* Integrated angular services with the back-end system using Restful API.
* Performed bug fixes and code reviews and prepare technical documentation.
* Collaborated with team members to ensure the quality of the codebase.

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**EDUCATION**

**Software Engineering Technology Advanced Diploma**  Jan. 2019 – Dec. 2021

Centennial College, Toronto, ON (GPA: 4.4/4.5, equivalent to A+)

* Recipent of CCSAI Academic Merit Scholarship (2021)
* Recipent of Centennial College Retiree’s Association Memorial Scholarship for achieving high academic standings (2020)

Relevant Courses:

▪ Web Interface Design ▪ Client-Side Web Development ▪ Web Application Development

▪ Object Oriented Programming ▪ Data Structure and Algorithms ▪ API Engineering

Capstone Project:

* Project Title: Grocery List Generator (MEAN Stack)
* Contributed to developing API endpoints and designing database using Mongo DB Compass, developed services and components in the angular frontend using HTTP Client, Angular Material, Angular routing, RxJS, and ngx-formly.

Academic Projects:

* Developed employee management system using ASP.NET Web API, AWS RDS, and Angular 10.0.
* Developed a patient registration system using React, NodeJS and Express.
* Worked on the angular frontend of a machine learning project using Python, Scikit-learn, and flask.
* Developed a UI of a realtor’s portfolio website using HTML5, CSS3, and flexbox.
* Worked as a team member in developing documents like Software Requirements Specifications (SRS) and Software Design Description (SDD).