Subarna B. Khadka

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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).