# Asif Ali Mehmuda

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Highly motivated individual with Master's degree in Computer Science and experience in developing web and mobile applications. Passionate for software development and seeking a challenging role to enhance technical skills as a software engineer.

## Education

**University of Calgary**, Calgary, Alberta, Canada                                    Sep  2019 – Jan 2023
*Master of Science, Computer Science*
CGPA: 4.00/4.00

**National Institute of Technology (NITH)**, Hamirpur, India                    Jul 2014– May 2018
*Bachelor of Technology, Electronics and Communication Engineering*
CGPA: 9.44/10.00

## Work Experience

**Brightsquid**, Calgary, Alberta, Canada
*Software Developer, Intern*                                                            Sep 2020 – Jul 2021
- Developed *Brightshare,* a cross-platform COVID-19 tracking and monitoring app for IOS and Android using the Flutter framework.
- Incorporated data from wearable device into the app for personalized COVID-19 risk assessment and self-monitoring guidance.
- Employed Google Maps to integrate real-time COVID-19 distribution data into the app, allowing users to monitor their surroundings.
- Integrated the app with the backend using REST APIs and anonymized the data to ensure user privacy and information protection.
- Utilized agile development methodologies to deliver high-quality code on schedule and debugged the app during development and testing phases.
- Collaborated with cross-functional teams, including healthcare professionals, product management and design to ensure successful project outcomes.

**First American India (FAI)**, Bengaluru, Karnataka, India
*Software Developer*                                                                    Jul 2018 – Jul 2019
- Redesigned a legacy application into a modern and responsive web version using Angular, HTML, CSS, JavaScript and Bootstrap to enhance user experience and engagement.
- Designed and implemented Restful APIs using .NET and C#, while adhering to software architecture and design patterns.
- Implemented SQL Server databases to store and manage application data and created stored procedures and functions to improve data processing and information retrieval.
- Worked closely with business owners to translate business needs into technical solutions, and participated in sprint planning and daily-standups.

**University of Calgary**, Calgary, Alberta, Canada
*Teaching Assistant (TA)*                                                               Sep 2019 – Apr 2022
- Assisted the course instructor with the planning and delivery of study materials on subjects such as Computer Networks, Web-based Systems and Software Entrepreneurship.
- Developed and delivered supplementary course materials including slides and code snippets to support student learning through hands-on experience.

## Skills

Languages: Python, JavaScript, C, Dart, Bash, HTML

Tools/Frameworks: ReactJS, Angular, NodeJS, ExpressJS, Flutter, Flask, Apache Spark, Docker, SQL, NoSQL, Git, Rapid Access Cloud

## Projects

*Wordle:* https://aliasif1.github.io/reactWordle
Word guessing game developed in React, HTML, CSS and Javascript.

*Flutter-Postman-App:* https://aliasif1.github.io/flutter-postman-web-app
API testing application for web and mobile devices developed with the Flutter framework.

*Tic-Tac-Toe:* https://aliasif1.github.io/app_tictactoe
Responsive Tic-Tac-Toe game developed in HTML, CSS and Javascript.

## Awards and Honours

Alberta Graduate Excellence Scholrship (AGES), University of Calgary                    Sep 2021

Mitacs Globalink Gradute Fellowship, Universty of Calgary                               Sep 2019