Asif Ali Mehmuda

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Highly motivated individual with Master's degree in Computer Science and experience in developing Full-Stack applications.
Skillset: Javascript | Python | HTML | CSS | React | Angular | Flutter | Node | Express | Flask | SQL | NoSQL

Work Experience

Brightsquid, Calgary, Alberta, Canada   *Sep 2020 – Jul 2021*
Software Developer, Intern
- Developed Brightshare, a COVID-19 tracking and monitoring app for iOS and Android platforms utilizing the Flutter framework for frontend development, Flask for backend, and MySQL for the database.
- 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, India   Jul 2018 – Jul 2019
Software Developer
- Redesigned a legacy letting application into a contemporary and and user-friendly web version from scratch, utilizing Angular, HTML, CSS and JavaScript to elevate user experience and engagement for a leading multi million dollar letting company.
- 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-standup.

University of Calgary, Calgary, Alberta, Canada   *Sep 2019 – Apr 2022*
Teaching Assistant (TA)
- Assisted the course instructor with the planning and delivery of study materials on subjects such as Computer Networks, Web-based Systems and Software Entrepreneurship.

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

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

Mern-Mart-Shopping-App: https://mern-mart-app.onrender.com/
Responsive e-commerce shopping app developed with React, Node, Express and MongoDB.

Task-Manager-App: https://mern-todo-app-4jen.onrender.com/
Task manager app developed with React, Node, Express and MongoDB.

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.

Awards and Honours

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

Mitacs Globalink Graduate Fellowship, University of Calgary   Sep 2019