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# Mohd Asad Saifi

Bachelor of Computer Science. Experienced in Full-stack web development.

**Portfolio Website:** <https://asadsaifi.netlify.app/>

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## SKILLS

Frontend	Backend	Database	Source Control	Frameworks	UI/UX/Misc.
HTML/XHTML	JavaScript	MongoDB	Git (Git Flow)	React/Next.js	Prototyping
CSS/SASS	Node.js	PostgreSQL/ MySQL	Agile/Scrum	React Native	Canva/AdobeXD
TailwindCSS	Java	Firebase	Docker	Google Cloud (GCP)	UML

## EXPERIENCE

### Wavelength Digital Network Inc. (Calgary, AB) - *Full-stack App Developer*

NOVEMBER 2021 - NOVEMBER 2022

**Website:** <https://wavelengthnews.com/>

**App Store:** <https://apps.apple.com/in/app/wavelength-news/id1644950368/>

News application startup founded by UCalgary graduates. Wavelength was selected for UCalgary's Launchpad Program (2021) and was the recipient of University funding.

- Designed stateful Sign in/Sign up pages with React Native.
- Fixed vulnerability against CSRF attacks by using JWT authentication with refresh/access token patterns.
- Increased protection against XSS attacks by using HTTPS cookies instead of LocalStorage.
- Built app prototypes using Canva and Adobe XD.
- Conducted user surveys to better understand functional requirements.

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## PROJECTS

### Wavelength Mobile News Application

JANUARY 2022 – NOVEMBER 2022

**Apple App Store:** <https://apps.apple.com/in/app/wavelength-news/id1644950368/>

**Google Play Store:** <https://play.google.com/store/apps/details?id=com.wavelengthnews>

A mobile phone application that provides users with latest news and includes rewards

- Implemented using React Native, database using Firebase
- Cross-platform application
- Application tested using Android Studio

### Full-Stack Food Delivery Application – *Open Source*

AUGUST 2022 – OCTOBER 2022

**Repo:** <https://github.com/asadsaifi2021/Full-Stack-Food-Delivery-App>

A full-stack food delivery web application

- Implemented using React.js, database management using Firebase and styling with Tailwind CSS
- Included with 'Add to Cart' functionality
- OAuth Sign-In/ Sign-out functionality using Firebase OAuth
- React Redux for managing React States

### Full-Stack Grocery Store Website – *Open Source*

JULY 2022 – AUGUST 2022

**Repo:** <https://github.com/asadsaifi2021/iGrocery>

A website that replicates a real grocery store

- Implemented using HTML, CSS, JavaScript
- Database implementation using MySQL

### Portfolio Website - *Personal*

SEPTEMBER 2021 – DECEMBER 2021

**Repo:** <https://github.com/asadsaifi2021/website>

An interactive personal portfolio website

- Implemented using HTML, CSS, JavaScript
- Implemented a dark mode

- Implemented a 'Contact Me' section using formspree.io.

## EDUCATION

**University of Manitoba** – *4-year Bachelor of Science in Computer Science*

## ORGANIZATIONS

### **University of Manitoba**

- University of Manitoba Computer Science Students' Association
- University of Manitoba Competitive Programming

### **University of Winnipeg**

- University of Winnipeg Code Force
- University of Winnipeg Applied Computer Science Students' Association