

A.K.M. Adib

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Technical Skills

Languages: Java, Python, HTML/CSS/JavaScript, Racket
Frameworks: React.js, Node.js, Vue.js, Flutter, Ruby on Rails
Developer Tools: Git, Bash, MongoDB

Education

University of Waterloo

Bachelor of Computer Science, Honours

Waterloo, ON

September 2020 – Present

Experience

Technology Member

Canadian Undergraduate Technology Conference

October 2020 – Present

Toronto, ON

- Developing the website and technology tools to be used at Canada's largest undergraduate tech conference

Backend Developer

watFriends

October 2020 – November 2020

Waterloo, ON

- Optimized runtime of data collection from users by **6x** through profiling in **Python**
- Automated and created a bulk email system with **MongoDB**, **MailChimp API** and **cron**, deployed this service to **Azure Functions**
- Created a **Slack bot** to notify the status of database reads with webhooks reducing time spent monitoring by **2.5x**

Full-stack Developer

Moralyzer

June 2020 – August 2020

Waterloo, ON

- Built **5+** UI components in **Material UI** with **React.js** to increase user engagement
- Worked on enabling users to upload images **300%** faster through **Amazon S3** and **Ruby on Rails**
- Deployed the application in **Heroku** and worked in an **Agile** environment
- Collaborated with UI/UX designers, product managers and worked with **5+** developers to create a product that promotes social justice

Co-President of Computer Science Club

Bloor Collegiate Institute

September 2019 – June 2020

Toronto, ON

- Organized weekly meetings to go over Canadian Computing Competition problems
- Attracted the interest of **50+** students and successfully retained **60%+** of the people

Projects

Compare2Anime | Node.js, Socket.IO, Vue.js, Bulma, Docker

September 2020 – December 2020

- Developed a full-stack web application using **Axios** to send **HTTP requests** to Jikan API to display information about animes, the frontend is done in **Vue.js**
- Implemented the messaging feature with **Socket.IO** and a video chat feature using **Twilio API**
- Deployed application using **Docker** and used **Git** as the version control system

Hackernews-CLI | Node.js, Elasticsearch

December 2020 - January 2021

- A **command-line interface app** to quickly get the best and newest stories and to search stories on Hackernews
- Built using commander.js, followed the **12 factor command-line interface apps** and fetched data from Hackernews API
- Used **Elasticsearch** as a search engine to find searches to articles in less than **1 second**