

Reezan Visram

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Key Skills

LANGUAGES: JavaScript, Python, HTML, CSS, Java, C++

FRAMEWORKS: React, Node, Express, Flask

DEVELOPER TOOLS: Git, MongoDB, MySQL, SQLite

Education

UNIVERSITY OF WATERLOO

SEPT 2021- PRESENT

Bachelor of Applied Science in Honours Computer Engineering, Co-op

Awards

- University of Waterloo - President's Scholarship of Distinction Award Recipient
 - Awarded for an admission average of 99%
- University of Waterloo - Richard and Elizabeth Madter Scholarship Recipient
 - Awarded to outstanding students entering Computer Engineering

Work Experience

HACK THE NORTHEAST

AUG 2020 – JUN 2021

Frontend Developer

- Developed the frontend UI of the entire Hack the Northeast website (www.hackthenortheast.com) using React and Material UI
- Built out animations (sliding, fading, spinning, enlarging) using GSAP.js
- Created functional and informative components for over 1000 prospective participants to learn about and sign up for events
- Worked with graphic designers and provided recommendations to design teams to streamline and enhance the website
- Tested and fixed all components of the website before deploying to GitHub
- Used responsive design principles and technologies to ensure the website looked stunning on all screen sizes

Technologies: ReactJS, Material UI, GSAP.js, Git, GitHub

DUNBARTON HIGH SCHOOL

JAN 2018 – MAR 2020

Math Tutor

- Conducted one-on-one learning sessions for Mathematics
- Evaluated student performance and provided academic counselling as needed

Software Projects (www.github.com/reezanvisram)

NHL SIMULATION

- A realistic simulation of an NHL season, using current rosters and player stats
 - Used requests to hit NHL API endpoints to obtain up-to-date information about over 900 players
 - Ranked all 900+ players relative to one another using 6 different stats from the API which enabled accurate simulation of any scenario during a game
 - Used Kivy to create a GUI for the user to see critical information, such as team records and player stats as the simulated season continued
 - Used py2exe to package into a windows executable file. File available at www.reezanvisram.com
- Technologies:** Python (Kivy, requests)

IMPROVEMINT | [WWW.REEZANVISRAM.COM/IMPROVEMINT](https://www.reezanvisram.com/improvemint)

- A self-improvement website where users can track tasks to complete and habits they want to build
 - Used Flask to create a secure registration system, which stores user information securely by salting and hashing passwords using werkzeug
 - Created a backend REST API using Flask Blueprints to allow retrieval of information about tasks and habits based on the user, while allowing for third-party interoperability
 - Used Jinja2 alongside HTML and CSS to beautifully display this information to users
 - Used Vanilla JavaScript to allow users to interact with their information
- Technologies:** Python (Flask), HTML, CSS, JavaScript, MySQL

PILLSONWHEELS | [DEPLOYED ON THE GOOGLE PLAY STORE](#)

- An Android app for users to order and have their prescriptions delivered straight to their door
 - Created over 10 React Native components to allow clients to view and order their prescriptions
 - Built a backend REST API using Flask, to allow clients to access their prescription information
 - Used Flask to create a secure registration system, which stores user information securely by salting and hashing passwords using werkzeug
- Technologies:** React Native, Python (Flask), SQLite

COMPLETE CRISIS COVERAGE | [WWW.REEZANVISRAM.COM/COMPLETECRISISCOVERAGE](https://www.reezanvisram.com/completecrisiscoverage)

- A website to view COVID-19 Statistics from around the world
 - Used Bootstrap CSS to style the website
 - Used the requests library to get COVID-19 information for every country from the COVID-19 API
 - Used Chart.js to display this information in beautiful, informative charts
 - Used Flask with SQLAlchemy to store and display stories from people all around the world
- Technologies:** HTML, Bootstrap, JavaScript, Python (Flask, SQLAlchemy)

Extra-Curriculars

CPR-C Certified
Hackathons

Standard First Aid Certified
Competitive Soccer

Emergency First Aid Certified
Piano/Music