Preet Makani

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EDUCATION

University of Waterloo Waterloo, ON
Candidate for Bachelor of Software Engineering, Average: 91.6% *September 2020 – April 2025*

TECHNICAL SKILLS

Languages: Java, Python, C#, JavaScript, C, MySQL, HTML, CSS, LaTeX
Frameworks: React, Node.js, Flask, Bootstrap
Developer Tools: Git, Postman, PostgresSQL, Jira VS Code, PyCharm, IntelliJ, Eclipse

EXPERIENCE

OpenText - Full Stack Developer May 2020 – August 2020
Technologies: Node, AngularJS, PostgresSQL, Docker, Kafka *Waterloo, ON*
- Participated in deployment of **TEDS** which is responsible for the encryption and decryption of tenant files
- Migrated upwards of **3 Million** tenant files using TEDS by re-encrypting files and encrypting these files with new tenant keys for added user security.
- Resolved numerous customer issues related to **CRUD** operations and **RESTful API's** using Postman to test API responses alongside **Postgres** to examine database records.
- Engaged in an **Agile Development** using **Jira** for issue management and sprint planning to maintain Core Share
- Constructed automated tests using Mocha, Chai, Sinon, to improve the quality of code and reduce the number of intermittent issues by **15%**

Westend May 2020 – August 2020
Freelance Developer - EasyCheckout *Milton, ON*
- Increased sales by **25%** by implementing an online checkout option as a solution to reduce in person traffic.
- Developed a full-stack web application using **Python, JavaScript, Flask, MySQL, HTML, CSS, Bootstrap** to execute online orders.
- Obtained a **4.5/5** customer satisfaction rating for EasyCheckout by analyzing customer reviews and ratings.

PROJECTS

ChatBox | *React, JavaScript, Socket.io, HTML/CSS, Material-UI* October 2020 – January 2021
- Developed a web application using **socket** to communicate between the client and server in real time.
- Created an elegant **UI** using **React**.
- Leveraged Material-UI capabilities to efficiently construct the front end.

Sweet! | *Python, BeautifulSoup, requests, Git* August 2020
- Developed a web scraper that tracks the price of items on **e-commerce websites** using **BeautifulSoup**.
- **Notified** users automatically if their item either goes on sale, or the price drops below their desired amount.
- Implemented capabilities to send direct emails to user with a brief description of the data received by the scraper, such as the price and URL of the item.

Daily Dose | *React, JavaScript, Sanity.io, HTML, Tailwind CSS* May 2020 – July 2020
- Built a blog using **sanity** where it manages text, images and other media with **API's**.
- Utilized **React** and **react-bootstrap** for the front.
- Initialized a **content management** system using **sanity** and **queried** remote data.
- Implemented **Tailwind CSS** to write in-line styling to create customer user interface.

ACHIEVEMENTS AND CERTIFICATES

BigQuery for Machine Learning Toronto, ON
GDG Cloud Toronto *December, 2019*

Waterloo Junior Engineering Competition Waterloo, ON
Third Place *November 2020*

Deca Ontario Toronto, ON
Provincial Medalist *February 2019*