Kashyap Patel

437-981-0540 | kashyap5551@gmail.com | linkedin.com/in/kashyap | github.com/kashyap

Education

York University Toronto, ON

Bachelor of Science Honors in Computer Science *Sept. 2018 – Ongoing*

Relevant Courses

- Design and Analysis of Algorithms, Advanced Object Oriented Programming
- Fundamentals of Data Structures, Software Design, User Interfaces.

Experience

Full Stack Developer Intern Aug 2021 – December 2021

Allenfort Inc *Toronto, ON*

- Contributing to the development of full-stack web and mobile applications using React.js, Node.js and Heroku.
- Developed a REST API using Node.js/Express.js attached to a PSQL database hosted on Heroku, to store collected data.
- Automated software deployments using CircleCI, saving up to 15 minutes per deployment.

Undergraduate Research Assistant Nov 2020 – Mar 2021

York University *Toronto, ON*

- Explored the *"Mathematical Hydra Problem"*
- Conducted a study on different arrangements of binary trees and their computational complexities.
- Contributed to a code-base mainly in Java, wrote multiple JUnit tests and edge cases to ensure smooth execution of code.
- Wrote a 20-page paper and gave multiple presentations with colleagues.

Orientation Leader Sep 2019 – Sept 2021

York University *Toronto, ON*

- Acted as a cultural bridge from high school to the university environment for freshmen.
- Promoted inclusivity and acted as a role model who demonstrates personal and academic success.
- Helped freshmen navigate the institution.

Projects

JWT-Auth | *React JS, PostgreSQL, Express JS, Node JS*

- Developed a full-stack web application using PostSQL as the database with React as the frontend (PERN stack)
- Ensures the secure registration and login of a user due to end-to-end encryption practices
- Implemented a "Remember Me" function by generating a JWT-Token, Similar to the OAuth protocol
- Showcases a strong design and understanding of Relational Database systems in PostgreSQL

ShapeShifter | *Java, Java.AWT, Git*

- Developed a mini applet that plots randomized shapes on a JPanel and sorts them upon clicking a JButton
- Utilizes Object Oriented Programming(OOP) principles in the core structure of the program
- Shapes sorted using Insertion Sort to optimize the time complexity of the applet
- Package is further polished to a production grade build

Technical Skills

Languages: JavaScript, Java, Kotlin, Python, C/C++, SQL (Postgres), HTML/CSS
Frameworks/Libraries: Spring, React.js, Node.js, Tailwind CSS, Express.js, GraphQL, , JUnit
Developer Tools: Git, Google Cloud Platform, AWS Amplify, Heroku, VS Code, Visual Studio, Eclipse, Android Studio