# Kashyap Patel

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## Education

**York University** — Toronto, ON
*Bachelor of Science Honors in Computer Science* — *Sept. 2018 – Ongoing*

## Experience

**Co-Founder** — Aug 2021 – Present
*Allenfort Inc* — *North York, ON*

- Determined strategic direction and planning with team members to bring high quality software products to market.
- Overseeing and contributing to the development of full-stack web and mobile applications using React.js, Node.js and Heroku.
- Explored ways to enhance user experience and customer service by performing rigorous market research.

**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**: React.js, Node.js, Tailwind CSS, Express.js, GraphQL, AWS Amplify, JUnit, Heroku
**Developer Tools**: Git, Google Cloud Platform, VS Code, Visual Studio, Eclipse, Android Studio