

# Kashyap Patel

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## EDUCATION

### York University

*Bachelor of Science Honors in Computer Science*

Sept 2018 - Ongoing

*Toronto, ON*

### Relevant Courses

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

## EXPERIENCE

### Software Engineer

*Allenfort Inc*

Aug 2021 - Current

*Toronto, ON*

- Spearheaded the rapid development of a web and mobile based platform for the real estate industry. Transforming the way thousands of landlords interact, manage and obtain tenants
- Developed a **REST API** using **Express.js** attached to a **SQL**(postgres) database hosted on **Heroku**
- Implemented CI/CD pipeline and DevOps using **CircleCI**, saving up to **15 minutes** per deployment
- Established the company with a couple of colleagues and delivered real-time solutions.

### Undergraduate Research Assistant

*Mathematics Department, York University*

Nov 2020 - Mar 2021

*Toronto, ON*

- Explored the “Mathematical Hydra Problem”
- Contributed to a code-base in **Java**, wrote **JUnit** tests to ensure smooth execution of code
- Co-wrote a 20-page paper and gave multiple presentations with colleagues

### Orientation Leader

*York University*

2019 & 2021 Cohorts

*Toronto, ON*

- Acted as a cultural bridge for **1400 incoming students** into the university environment
- Served as an ambassador for the university who demonstrated personal and academic success
- Helped incoming students make the transition to university life successfully

## PROJECTS

### JWT-Auth-App | *React JS, PostgreSQL, Express JS, Node JS, Postman, Heroku*

- Developed a full-stack web application using the PERN stack (technologies listed above)
- Ensured the secure registration and login of a user using end-to-end encryption practices by hashing the user’s data with the **bcrypt** library
- Implemented a “Remember Me” function by generating a **JWT-Token** that is saved in the local storage of a user’s browser
- Designed the front-end using React JS, React Hooks, React Router and Tailwind CSS to deliver a pleasant user experience

### Employee-Manager | *Java, Spring Boot, React JS, Bootstrap, Axios, MySQL, Heroku*

- Constructed an employee management system, full-stack web application with **CRUD** functionalities
- Built a RESTful **API** with **Spring Boot** and Spring data JPA/Hibernate upon a MySQL database
- Utilized **Axios** HTTP library to make REST API calls from the React JS front-end to Spring Boot back-end

### Game-Store | *React JS(React Hooks, Context API), AWS (Amplify, DynamoDB, S3, Lambda), Stripe API*

- Generated an online game store with AWS services, React JS and Stripe API
- Added authentication using **AWS Cognito** and utilized **S3** buckets to store images
- Formulated Lambda functions to process orders on the store (Pipeline Resolvers)
- Connected the front-end with **Stripe API** for payment processing. Hosted on **AWS S3**

## TECHNICAL SKILLS

**Languages:** JavaScript, Java, Kotlin, Python, C, C++, SQL (Postgres, MySQL, NoSQL), MongoDB, Redis, HTML5, CSS3

**Frameworks/Libraries:** React.JS, Node.JS, Spring, tRPC, Express.js, GraphQL, JUnit

**Developer Tools:** Git, Docker, Kubernetes, Agile, GCP, AWS, Heroku, Netlify, Postman,

**Others:** Tailwind CSS, StyledComponents, Material UI, Chakra UI, Bootstrap CSS