

# Kashyap Patel

[in LinkedIn](#) | [437-981-0540](tel:437-981-0540) | [Personal Website](#) | [kashyap5551@gmail.com](mailto:kashyap5551@gmail.com) | [GitHub](#)

## Skills

- Java | Springboot | JavaScript | TypeScript | C++ | C | MongoDB | OracleSQL | PostgreSQL | Node | Express | React | Redis | JQuery
- AWS | Azure | Cloud Computing | CI/CD | JUnit | Jest | Mockito | Unit Testing | Lambda | OOP | Postman | Docker | Git | JIRA
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi, Gujarati, Swahili – *All professional proficiency or above*

## Professional Experience

### Software Engineer Intern

#### Moody's Analytics

Toronto, ON 05/2022 - 08/2022

- Implemented enterprise applications driving \$19.3 million of revenue annually using the latest technologies of **Java**, **React**, **AWS**, and **OracleSQL** for the Canadian Securities Institute(CSI) Platform.
- Designed and developed scalable REST APIs using Spring framework to enhance data retrieval and processing speed, reducing **response time by 30%**.
- Integrated Okta SSO integration into the enterprise software, resulting in an x5 reduction in login time and significantly enhancing security measures.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, UAT testing, unit/integration/e2e testing.

### Software Engineer

#### Allenfort Inc

Toronto, ON 08/2021 - 04/2022

- Developed a full-stack property management application using **Node**, **Express**, **MongoDB**, **React**, **Redux**, and **Tailwind CSS** serving just under 100 B2B clients.
- Optimized caching using **Redis** to store frequently accessed data, leading to a x6 improvement in data retrieval speed.
- Consulted with UX/UI designers to create an intuitive user interface in **React**, resulting in a 25% decrease in user bounce rate and increasing user engagement by an average of 15%.
- Executed a comprehensive testing strategy using Jest, conducting over 1000 unit tests and achieving a 98% code coverage rate, ensuring the platform's stability.

## Education

### Bachelor of Science

#### York University

Toronto, ON 09/2018 - 01/2023

- Major in Computer Science

## Projects

### GenieAI

02/2023 - present

- Orchestrated a full-stack generative AI platform using **Next.js 13**, **React**, **Tailwind**, **Prisma**, **MySQL**, and **Stripe API** for content generation.
- Utilized **OpenAI** and **Replicate AI** APIs to generate content on the platform with limited tokens as a currency.
- Enhanced user authentication and management with **Clerk** integration, ensuring secure and seamless authentication with various providers such as Google, Facebook, Discord, and more.
- Utilized Next.js 13's app router for effortless client-side routing to ensure a smooth billing process with the **Stripe** subscription system.

### Fulfiller

07/2023 - present

- Built a serverless order fulfillment application using AWS-managed services, resulting in a 30% reduction in infrastructure costs.
- Implemented API-first design principles using AWS Lambda to create a serverless application, resulting in a 20% increase in application performance.
- Devised a synchronous REST API using API Gateway, **Lambda**, and **DynamoDB**, resulting in streamlined CRUD operations with a 20% decrease in response time.
- Constructed the front end using React.JS and Tailwind CSS for a pleasant user experience.

## Certifications

- **AWS Certified Solutions Architect - Associate**: AWS Lambda | IAM | EC2 | S3 | SQS | SNS | ECS | EKS (05/2023)
- **IBM Docker Essentials** (04/2023)

## Others

- **Hack the North**: Won 4th prize for the development of ML-powered restaurant recommendations full-stack application (09/2022)