

# Kashyap Patel

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## Education

### Bachelor of Science

York University

Toronto, ON

09/2018 - 01/2023

- Major in Computer Science

## Professional Experience

### Software Engineering Intern

Moody's Analytics

Toronto, ON

05/2022 - 08/2022

- Implemented enterprise applications driving \$19.3 million of revenue annually using **Java Spring Boot, React, AWS**, and **OracleSQL** for the Canadian Securities Institute(CSI) Platform interacting with various stakeholders and product owners.
- Designed and developed scalable REST APIs using Spring framework to enhance data retrieval and processing speed, reducing **response time by 30%**.
- Integrated Okta SSO OAuth integrations into the enterprise software, resulting in an x5 reduction in login time and significantly enhancing security measures.
- Continuous Integration, continuous deployment, pull requests, code reviews, resolving issues, debugging, agile software development life cycle, JIRA, documentation, written unit tests, integration tests, and end-to-end testing.

### Software Engineer

Allenfort Inc

Toronto, ON

08/2021 - 04/2022

- Developed a full-stack property management SAAS application using **Node.js, Express.js, Mongo**, Postgres, React, Redux, and Tailwind CSS serving just under 100 B2B clients with reliability and scalability in mind.
- Optimized caching using **Redis** database to store frequently accessed data, leading to an x6 improvement in data retrieval speed.
- Consulted with UX/UI designers to create an intuitive front-end user interface in **React**, resulting in a 25% decrease in user bounce rate and increasing user engagement by an average of 15%.

## 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 with product features roadmap established.
- Utilized **OpenAI and Replicate AI** back-end 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, with user empathy in mind.
- Utilized Next.js 13's app router for effortless client-side routing to ensure a smooth billing process with the **Stripe** subscription system.
- Tracked real-time metrics and logging using **Datadog's** monitoring tools for web services.

### Fulfiller

07/2023 - present

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

## Certifications

- **AWS Certified Solutions Architect - Associate:** AWS Lambda | IAM | EC2 | S3 | RDS | 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)

## Skills

- Java | Springboot | JavaScript | TypeScript | C++ | C | MongoDB | Oracle SQL | PostgreSQL | Nodejs | Express | Reactjs | Redis | JQuery
- AWS | Azure | Cloud Computing | CI/CD | JUnit | Jest | Mockito | Unit Testing | Lambda | Object-Oriented Programming | Postman | Docker
- Microservices Architecture | Distributed Systems | Front end | Back end | Full Stack Web services | Python | Flask | Scala | Maven | Jenkins
- HTML5 | CSS3 | Linux | Unix | Git | Gitlab | TDD | ORM | Leadership | Communication skills | Entrepreneurial | Self starter | Algorithms