

# KASH PATEL

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## PROFESSIONAL EXPERIENCE

### Inzone Supplements

Toronto, ON, Canada

Software Engineer

July 2023 - Present

- Led the development of a Next.js e-commerce platform, boosting user experience with 40% faster page loads and scaling to 10,000 monthly active users.
- Integrated Redis caching with MongoDB, slashing database load and speeding up read operations by 30%, enhancing system responsiveness.
- Implemented Next.js Auth and Stripe API integration, cutting transaction times by 32%, for smoother customer experiences.
- Designed a Payload CRM admin dashboard, improving administrative efficiency and enabling real-time monitoring of user activity and sales.
- Managed AWS Amplify and Cloudfront deployments, achieving 99.9% uptime and reducing infrastructure costs by 22% during traffic peaks.

### Allenfort Inc

Toronto, ON, Canada

Software Engineer / Technical Consultant

August 2021 - Present

- Orchestrated full-cycle development initiatives using a diverse tech stack, achieving a notable 20% increase in client satisfaction ratings.
- Engineered cost-efficient AWS infrastructures for various clients, reducing operational expenses by 15% and enhancing system scalability.
- Successfully delivered custom solutions to 8 clients, with ongoing projects focused on optimizing cloud architecture for improved performance and reliability.
- Coordinated with multidisciplinary teams to seamlessly execute 12 software releases, consistently exceeding project timelines and client expectations.
- Independently developed micro-SaaS projects, contributing to company growth and diversifying revenue streams.

### Moody's Analytics

Toronto, ON, Canada

Software Engineering Intern

June 2022 - August 2022

- Contributed to a Java Spring Boot-based enterprise application for the Canadian Securities Institute, generating \$19.3 million in revenue, involving extensive collaboration with stakeholders and product owners.
- Developed scalable REST APIs using the Spring framework, reducing response times by 30% and significantly improving data processing speeds.
- Integrated Okta SSO OAuth into enterprise software, achieving a fivefold decrease in login times and substantially boosting security measures.
- Applied CI/CD practices, engaged in pull requests, code reviews, and agile development cycles, alongside using JIRA for project management and RestAssured for comprehensive testing, enhancing software reliability and team efficiency.

## EDUCATION

### York University

September 2018 - December 2022

Bachelor's, Computer Science

## CERTIFICATIONS

AWS Certified Solutions Architect - Associate: AWS Lambda | IAM | EC2 | S3 | RDS | SQS | SNS | ECS | EKS

AWS Certified Cloud Practitioner: Cloud Computing | Security & Compliance of Cloud | Cost Efficiency in Cloud

IBM Docker Essentials

## PROJECTS & OUTSIDE EXPERIENCE

### Genie AI

Toronto, ON, Canada

Full Stack Software Engineer

September 2023 - Present

- Developed a full-stack generative AI platform with Next.js 13, React, Tailwind, Prisma, MySQL, and Stripe API, setting a definitive roadmap for product features.
- Leveraged OpenAI and Replicate AI APIs for token-based content generation, pioneering an innovative currency system on the platform.
- Integrated Clerk for enhanced user authentication across Google, GitHub, and Email, prioritizing secure and seamless access with user empathy.
- Implemented Next.js 13's app router for smooth client-side billing navigation via Stripe, elevating the user subscription experience.
- Utilized Datadog for real-time web service metrics tracking and logging, ensuring high performance and reliability monitoring.
- [Link to project](#)

## SKILLS

**Skills:** Java, TypeScript, JavaScript, Python, Next.js, Node.js, Express.js, React.js, Apache Kafka, Docker, Linux/Unix, Maven, AWS, Microsoft Azure, MongoDB, SQL, MySQL, Postgres, Postman, Redis, REST APIs, GraphQL, Spring, RabbitMQ, HTML/CSS, Git, Agile, JIRA