

Kash Patel

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Professional Experience

Software Engineer (Contract) Inzone Supplements Toronto, ON Jun 2023 - present

- Led the development of a cutting-edge e-commerce site with **Next.js**, reducing page load times by 40% and enabling scalability for up to 50,000 concurrent users.
- Deployed **MongoDB**, optimizing database queries by **30%** and accommodating growth in product catalog size.
- Integrated **Next.js Auth and Stripe API**, decreasing transaction processing times by 32% for over **10,000 monthly users**.
- Designed a Payload CRM admin dashboard, improving administrative efficiency and enabling real-time monitoring of user activity and sales analytics.
- Orchestrated **AWS Amplify** deployment, achieving **99.9%** uptime, a 22% reduction in infrastructure costs, and uninterrupted user experience during traffic peaks.

Software Engineering Intern Moody's Analytics Toronto, ON May 2022 - Aug 2022

- Implemented a **\$19.3 million** revenue-generating enterprise application using **Java Spring Boot, Servlet, React, JSP, AWS, and OracleSQL** for the Canadian Securities Institute(CSI) Platform interacting with various stakeholders and product owners.
- Reduced **response time by 30%** by developing scalable REST APIs using Spring framework to enhance data retrieval and processing speed.
- Achieved a **x5 reduction** in login time by integrating **Okta SSO OAuth** into the enterprise software, and significantly enhancing security measures.
- Utilized CI/CD practices, pull requests, code reviews, resolving issues, debugging, agile software development life cycle, JIRA, documentation, written unit tests using RestAssured, integration tests, and end-to-end testing.

Software Developer Allenfort Inc Toronto, ON Aug 2021 - Apr 2022

- Delivered a robust Property Management SaaS application using Node.js, Express.js, Mongo, Postgres, React, Redux, and Tailwind CSS with scalability in mind.
- Improved data retrieval speed by **x6 using Redis** database to store frequently accessed data.
- 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

[Live](#) | [Github](#) GenieAI Jan 2024

- Developed 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, Github, and Email, 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.

Skills

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

Education

Bachelor of Science in Computer Science York University Toronto, ON Jun 2023

Certifications

- **AWS Certified Cloud Practitioner**: Cloud Computing | Security & Compliance of Cloud | Cost Efficiency in Cloud Jan 2024
- **AWS Certified Solutions Architect - Associate**: AWS Lambda | IAM | EC2 | S3 | RDS | SQS | SNS | ECS | EKS May 2023
- **IBM Docker Essentials** Apr 2023