

JAY KANIA

+91 9537003277 ♦ Bengaluru, Karnataka

jaykania123@gmail.com ♦ [LinkedIn](#) ♦ [GitHub](#) ♦ [jaykania.vercel.app](#)

PROFESSIONAL EXPERIENCE

SDE I

Poppulo

May 2024 - Present

Bengaluru, Karnataka

- Engineered a self-service YubiKey onboarding platform using JSP for the front-end and Spring Boot for the backend, significantly decreasing IT dependency on developers and accelerating the onboarding process by 80%.
- Implemented a Redis ElastiCache-backed caching layer in Apollo Router via AWS CDK, reducing query response times for some of the cacheable requests from ~500ms to ~10ms.
- Integrated in-house GraphQL schema linting rules into the development pipeline, proactively identifying and preventing schema issues, resulting in more robust and reliable APIs.
- Migrated sensitive application secrets from environment variables to Kubernetes Secrets, significantly improving security posture and reducing the risk of unauthorized access.

Software Developer Co-Op

Magnet Forensics

Sept 2023 - Dec 2023

Remote

- Designed and implemented reusable UI components in React and Typescript, resulting in a 15% reduction in development time, streamlining development and ensuring a consistent user interface across multiple projects.
- Utilized Storybook extensively to build and showcase various frontend components ensuring cohesive and user-friendly interfaces and improving development efficiency.
- Implemented the Test-Driven Development (TDD) principle using React Testing Library, Jest, and Cypress, achieving over 90% in test coverage and code stability.
- Managed CI/CD pipelines through Azure DevOps, Jenkins, and Amazon EC2, ensuring efficient deployment processes and reduced deployment time.

Software Engineer

Cognizant

Feb 2021 - June 2022

Pune, Maharashtra

- Implemented REST APIs using Spring Boot, enhancing the application's backend functionality, while gaining expertise in managing CI/CD pipelines utilizing BitBucket, Bamboo, and UrbanCode Deploy.
- Conducted Unit and Integration tests for all new functionality or enhancements using Junit and SonarQube which resulted in test coverage of 95%, leading to a significant reduction of post-release bug reports.
- Expanded application capabilities through the development of features using ReactJS, Redux, Bootstrap, and SASS/SCSS and performed end-to-end testing using Cypress, contributing to ~15% improvement in the user interface.
- Deployed microservices on AWS, building a CI/CD pipeline using AWS CodeBuild, CodeCommit, CodePipeline, ECS & ECR, resulting in a 5% increase in concurrent users without degradation in system performance.

PROJECTS

CDX (GitHub)

- Built a cross-platform CLI file explorer with fuzzy search, real-time navigation using raw terminal input (no dependencies), and shell/CD integration. Shipped as downloadable binaries via GitHub Releases

EatStreet (Video demo) (GitHub)

- Developed a POS web app with ReactJS, NodeJS, and Express. Integrated SendGrid API for order notifications and deployed it on AWS using services like EC2, Beanstalk, and SNS via AWS CloudFormation.

SKILLS

Languages: Java, JavaScript, Typescript, Go

Web Development: HTML, CSS, SCSS, ReactJS, NextJS, SpringBoot, Gatsby, Bootstrap, Redux, NodeJS, ExpressJS, GraphQL, Redis

Cloud Technologies: AWS DynamoDB, EC2, BeanStalk, SNS, SQS, Lambda, S3, Docker, AWS CDK, EKS, Kubernetes

Database & Dev Tools: SQL, MySQL, NoSQL, MongoDB, Git, Federated GraphQL, Apollo GraphQL

EDUCATION

Master of Applied Computer Science, Dalhousie University

Sept 2022 – Dec 2023

Bachelor of Information Technology, Birla Vishvakarma Mahavidyalaya

July 2017 – July 2021

CERTIFICATIONS

- AWS Certified Cloud Practitioner ([Link](#))
- AWS Certified Solutions Architect Associate ([Link](#))