

# Shlok Kadakia

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## SUMMARY

Performance driven Software Engineer with over **2 years of experience** in full stack development, DevOps automation, and cloud infrastructure. Proven track record in optimizing system performance, reducing deployment latency by **70%**, and architecting scalable distributed systems. Expert in **Java, Python, and React**, with a deep focus on building fault tolerant **CI/CD pipelines and AI** integrated monitoring tools. Committed to continuous learning in Machine Learning and Open-Source Development to drive innovation and system efficiency.

## PROFESSIONAL EXPERIENCE

### CloudInfosoft | Backend Developer & SDE I

May 2022 – June 2023

- Spearheaded the architectural redesign of legacy backend modules into a modern **Microservices based ecosystem** using Java and Node.js, which successfully decoupled service dependencies and improved system response times by **35%** while enabling the platform to support a **20%** growth in simultaneous user traffic without performance degradation.
- Maximized the transition to containerized environments using **Docker and Kubernetes**, where I managed the creation of standardized container images that effectively eliminated **85%** of environment inconsistencies between development and production, thereby streamlining the delivery of mission critical application updates.
- Orchestrated the integration of a real time distributed performance monitoring system to track complex health metrics; this leadership initiative boosted operational visibility by **85%** and **halved the mean time to resolution (MTTR)** by providing the engineering department with actionable, data driven insights.
- Architected and deployed fault tolerant deployment scripts featuring automated rollback mechanisms and advanced error handling logic, which resulted in a **65% reduction in production incidents** and significantly enhanced the engineering team's confidence during critical feature launches.

### Vardaam Web Solutions | Full Stack Developer

May 2021 – April 2022

- Led the frontend optimization project by migrating legacy interfaces to a modern **React.js and Next.js** architecture, which slashed user onboarding time by **50%** and achieved a **95%** accessibility score while enhancing cross device performance and user engagement.
- Conceptualized the implementation of automated Selenium test suites and visual regression testing into the team's core deployment workflow, successfully **eliminating 60% of post release UI bugs** and saving the engineering team over 15 hours of manual QA labor per week.
- Initiated a code standardization drive by creating a modular framework for frontend component libraries, which **reduced the time required for new feature iterations by 40%** and ensured visual and functional consistency across the entire web application suite.

## PROJECTS

### StreamForge – DevOps Monitoring Tool | *TypeScript, Python, TensorFlow, Docker, Node.js, DevOps*

December 2025

- Streamlined the development of an intelligent CI/CD automation platform by **codifying** an advanced Python-based log profiling engine; this strategic initiative automated the generation of complex, multi-language YAML pipelines, successfully **slashing manual configuration overhead by 70%** and predicting failure root causes with **92% accuracy** to maximize organizational recovery efficiency.

### SkinOCare | *TypeScript, Python, TensorFlow, Docker, Node.js, Terraform, Kubernetes*

August 2025

- **Mobilized** a comprehensive cloud infrastructure strategy by **calibrating** multi-region AWS environments via Terraform and Kubernetes, which doubled total system scalability and ensured **100% HIPAA compliance** for sensitive data; this transition successfully **eliminated 85% of environment inconsistencies** and reduced manual intervention by 40% through rigorous Infrastructure as Code (IaC) best practices

## SKILLS

- **Languages:** Java, SQL, JavaScript, Python, C#, C
- **Frameworks:** React.js, Dot.NET, Next.js, Node.js, Spring Boot
- **Cloud & DevOps:** AWS, Azure, GCP, Jenkins, GitLab CI, Docker, Kubernetes, Terraform
- **Databases & Tools:** MongoDB, Oracle SQL Developer, Microsoft SQL Server Management, Microservices, Serverless Architectures, VS Code, Git, Figma, Adobe XD, IntelliJ
- **Methodologies:** Agile/Scrum, CI/CD, System Design, REST APIs, Technical Documentation

## EDUCATION AND CERTIFICATIONS

DePaul University | *Master of Science in Computer Science* | Chicago, IL | Nov 2025

Navrachana University | *Bachelor of Technology in Information Technology* | June 2023

### Certifications:

- AWS Academy Graduate - [Cloud Foundations](#)
- AWS Academy Graduate - [Data Analytics](#)