

Shlok Kadakia

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EDUCATION

Depaul University – Chicago, IL

November 2025

Master of Science in Computer Science

GPA: 3.30/4.00

Relevant Coursework: Database Systems, Software Engineering, Distributed Systems, Applied Algorithms, DevOps

Navrachana University – Vadodara, India

June 2023

Bachelor of Technology

CGPA: 8.00/10.00

Major: Information Technology | **Minor:** Internet of Things

Relevant Coursework: Networking, Software Engineering, Operating Systems, Algorithms, A.I, Cloud Computing

SKILLS

Languages: Java, SQL, JavaScript, Python, C#, C

Tools/ Systems: Jenkins, GitLab CI, Docker, Kubernetes, Microservices, Serverless Architecture, Terraform, Oracle SQL Developer, Microsoft SQL Server Management, MongoDB, VS Code, Git, Figma, Adobe XD, AWS, Azure, GCP, IntelliJ

Frameworks: React Js, Dot.NET, Next Js, Node Js, Spring boot

Certifications: AWS Academy Graduate ([Cloud Foundations](#), [Data Analytics](#))

PROFESSIONAL EXPERIENCE

CloudInfosoft – Vadodara, India

Full Stack Developer Intern

January 2023 – June 2023

- **Automated 50+** end-to-end tests within the CI/CD pipeline that covered critical user flows, which resulted in higher quality releases and identifying the root cause of production failures.
- Engineered fault-tolerant deployment scripts with rollback capabilities and comprehensive error handling, resulting in a **65%** decrease in production incidents and a **30%** improvement in first-time deployment success rates.
- Constructed an end-to-end monitoring solution that tracked deployment metrics across environments, identified performance bottlenecks, and automatically generated executive reports, increasing cross-team visibility by 85% and reducing troubleshooting time by **50%**.

Vardaam Web Solutions – Vadodara, India

UI/ UX Developer Intern

May 2022 – October 2022

- **Revolutionized** the company's UI testing approach by implementing comprehensive **Selenium** test suites with parameterized components, decreasing manual testing efforts by **70%** while expanding test coverage across five additional browser/device combinations.
- Orchestrated the integration of automated visual regression testing into existing **CI/CD workflows**, capturing UI inconsistencies before production deployment and reducing post-release UI-related support tickets by **60%**.
- Transformed the user experience based on systematic feedback analysis, implementing design optimizations that increased positive user satisfaction scores by **75%**, reduced onboarding time by **50%**, and boosted overall user retention by **35%**.

PROJECTS

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

August 2025

- Built and implemented a powerful CI/CD automation platform that **generated 95% accurate YAML pipelines** across Node.js, Python, and Java projects, reducing manual DevOps setup time by **over 70%**.
- **Refactored** log profiling engine in Python to classify failure causes and retry patterns with **>92% accuracy**, enabling faster MTTR (mean time to recovery).
- **Architected** a modular DevOps platform that combined **LLM-powered YAML generation** with CI/CD log optimization, reducing config errors by **~90%** across dynamic pipelines.

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

March 2025

- Deployed a resilient **AWS infrastructure** utilizing **Terraform** and **Kubernetes**, allowing the team to ship updates **2x faster**, and reducing infrastructure management overhead by **25%** through automation scripts.
- Formulated a **Terraform-based infrastructure provisioning system** with version-controlled configuration templates, ensuring consistent deployment environments that decreased cross-environment bugs by **85%** and led developer productivity by **40%**.
- Validated **50+** machine learning models using transfer learning techniques, ensuring alignment with **HIPAA** mandates and improved diagnostic outcomes; work resulted in **5** fewer misdiagnoses per month, benefiting patient health.