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

SkinOCare | *TypeScript, Python, TensorFlow, Docker, Node.js*   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.

Strandaid App | *React Native, Python, Figma*   September 2022

- Architected a resilient communication framework utilizing the **MQTT protocol** with advanced quality-of-service enabling critical emergency data transmission with **95%** improved reliability even in areas with unstable network connectivity.
- Developed sophisticated store-and-forward mechanisms and bandwidth-optimized data compression algorithms specifically tailored for emergency information packets, reducing transmission latency by **70%** and decreasing overall data usage by **45%**.
- Accelerated React Native component creation from Figma designs via a **custom-built pipeline**; decreased time spent on manually coding UI elements by **40%** and increased developer satisfaction.