

SHREEJEET PRASHANT KADAM

Boston, MA, USA - 02130 | Mobile: +1-(470)-815-8243

Email: skshreejeetkadam@gmail.com | <https://www.linkedin.com/in/shreejeet-kadam> | [GitHub](#)

Education

Georgia Institute of Technology

August 2021 – May 2023

Master of Science in Cybersecurity - Infosec Track

Atlanta, Georgia

- Subjects: Malware Analysis, Reverse Engineering, Network Security, Software Analysis and Test, Secure Computer Systems, Cryptography, Enterprise Risk Management, Privacy Tech Policy Law, DevSecOps for Cloud Computing
- Graduate Teaching Assistant for Intro to InfoSec Policies [August 2022 - May 2023]

Technical Skills

- Programming/Scripting Languages:** C, C++, Python, Javascript, Typescript, GO
- DevSecOps:** Terraform, Kubernetes, Container Orchestration, Docker, Cluster Management, Jenkins
- Web Development:** React, Angular, PostgreSQL, Express.js, Node.js, Tailwind, Bootstrap, Flask, REST API
- Cybersecurity:** Application Security, Vulnerability Management, Penetration Testing, Threat Intelligence, Network Security, IAM, IDS, EDR, DFIR, SOAR, SIEM, DLP, OWASP Top 10, MITRE ATT&CK, NIST CSF, SOC 2
- Tools:** GDB, PWNDBG, Ghidra, Pwntools, OpenSSL, Splunk, Wireshark, Burp Suite, Metasploit, Nessus, Git
- Software Development Practices:** Agile. Scrum. Jira. Test Driven Development. GitHub. Continuous Integration

Work Experience

Launchpad23, Inc. | SDE | ReactJS, Keycloak, OpenID Connect, PostgreSQL, Stripe

July 2023 – July 2024

- Engineered a NextJS onboarding platform incorporating Keycloak for IAM, authentication, and RBAC, reducing attack surface by 30%.
- Integrated Stripe for seamless payments and deployed on DigitalOcean VPC, boosting user experience by 40% and reducing onboarding time by 60%.

Adversarial Risk Management | Intern | React, STRAPI, Cloudflare

June 2022 – August 2022

- Crafted an advanced CMS module employing React and STRAPI, integrating GitHub Webhooks for automated builds; achieved a 20% increase in deployment consistency, improving overall project stability and user experience.
- Implemented access control measures through Google IAM for 20+ subdomains, enhancing security protocols and reducing unauthorized access incidents by 80%, while streamlining user roles and permissions across the organization.

Nvidia | Intern | Angular, Flutter, JS, Python

July 2018 – May 2019

- Developed a multi-platform application framework to aggregate and visualize nightly GPU driver test data, deploying the tool for over 50 users, streamlining the testing and reporting processes.
- Created a robust reporting mechanism that automated the daily generation of PDF reports, resulting in a consistent output of over 30 reports each week, improving operational efficiency across the organization.

Projects

DevSecOps | Kubernetes, Istio, Terraform, MinIO, Jenkins

March 2023

- Implemented a Flask application deployment via Kubernetes, simulating a production cluster; utilized Istio for Canary deployments and carried out Fault Injection tests, ensuring high availability and reducing downtime by 75%.
- Implemented Terraform for Infrastructure-as-Code, deploying Flask application on AWS with EC2 instances, S3 and RDS buckets, and Elastic Load Balancer. Ensured seamless scalability and reliable infrastructure provisioning.
- Built a DAST automation pipeline that improved security protocols and reduced manual testing hours by 30%, empowering the security team to tackle intricate analysis and expand coverage to 98% of applications.

Software Analysis and Test

October 2022

- Developed an LLVM-based analysis tool for C++ programs, generating inter-procedural call, constraint, and value-flow graphs. Performed taint analysis, identifying and reducing potential security vulnerabilities by 20%.

Malware Analysis | IDAPro, Python, PIN Tool, C++

September 2022

- Conducted in-depth analysis of malware binaries with IDAPro, identifying malicious functions and code patterns; enhanced threat detection capabilities and decreased false positives by 25%.
- Created custom tools that seamlessly integrated with IDAPro, producing detailed Control Flow Graphs and Data Dependence Graphs; improved static analysis efficiency by 40%.
- Designed a customized Dynamic Analysis solution via the PIN Tool framework; observed system calls and memory access patterns, contributing to a 45% decrease in debugging efforts and a 20% boost in system performance.

Secure Computer Systems

April 2022

- Analyzed and emulated distributed security models; mitigated potential threats by 60% and achieved comprehensive system protection in diverse operational environments.

Privacy Policies

September 2021

- Designed a privacy-preserving COVID app with a sustainable business model and robust privacy policy. Assured compliance with GDPR and HIPAA regulations, resulting in a 25% rise in user adoption and retention.

Achievements/Certifications

- NSA Codebreaker 2022** completed as a High Performer.
- Identify Web Attacks Through Logs** on Cybrary.
- Software Security** by Michael Hicks, University of Maryland on Coursera.
- Practical Ethical Hacking** by Heath Adams, TCM Security on Udemy.