

Favour Kolade

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EDUCATION

Carnegie Mellon University, H. John Heinz III College

Master of Science in Information Security Policy and Management

Pittsburgh, PA

August 2025 - May 2027

- Coursework: Cyber Intelligence, Information Security Management, Data Focused Python, Cloud Security
- GPA: 3.89

University of Texas at Arlington

Arlington, TX

Bachelor of Science in Computer Software Engineering, Cum Laude

August 2020 – May 2024

- Organizations: Cybersecurity Club, Association for Computing Machinery (ACM), Colorstack

SKILLS

Programming & Tools: Python, Java, JavaScript, TypeScript, C/C++, SQL, Git, Docker, CI/CD, Jira

Cybersecurity & Risk: Application Security (OWASP Top 10), Vulnerability Assessment, Threat Modeling, Network Security & Traffic Analysis, Secure SDLC, Identity & Access Management

Threat Detection & Frameworks: SIEM (Splunk, ELK Stack), Log Analysis, MITRE ATT&CK, Nmap, Alerting & Incident Response

Cloud & Systems: AWS, GCP, Linux/Unix, TCP/IP, DNS, DHCP, VPNs, Firewalls, IDS/IPS

Digital Asset Security: Familiarity with key management best practices (secure creation, distribution, storage, usage), API integration concepts, blockchain and crypto fundamentals

Development & Dashboards: REST APIs, React, Angular, Firebase, Next.js, Bootstrap, Real-Time Interfaces

WORK EXPERIENCE

Platview Technologies

Remote

Cyber Security Intern

July 2024 - April 2025

- Applied core cybersecurity principles across network security, threat detection, and secure system analysis.
- Performed subnetting, IP configuration, and network traffic analysis to support secure network design and troubleshooting.
- Conducted network scanning and reconnaissance using Nmap to identify exposed services and potential attack vectors.
- Monitored and analyzed security events using Splunk and ELK Stack, supporting alert triage and incident investigation workflows.
- Mapped observed attack behaviors to the MITRE ATT&CK framework to improve threat understanding and response strategies.

Headstarter

Dallas, TX

Software Engineering Fellow

July–September 2024

- Developed and deployed 5 AI-driven web applications using React JS, Next.js, Firebase, and Vercel, leveraging CI/CD pipelines.
- Worked in a team of 4 engineers in an Agile environment to deliver scalable applications, integrating APIs and microservices.
- Built cloud-native applications using AWS services to build scalable web applications.
- Scaled each web app to 50+ users and iterated on user feedback to make continuous optimizations.

Aleric Technologies

Houston, TX

Python / Django Intern

May – December 2023

- Created a polling website using Django framework, adhering to official documentation, resulting in a 30% increase in user engagement.
- Implemented CRUD operations for polls and choices, creating a 25% increase in user-generated content and improving data accuracy by 8%.
- Designed and styled the website with Bootstrap, resulting in a 20% improvement in user satisfaction ratings.

University of Texas at Arlington

Arlington, TX

PLTL Leader

August – December 2022

- Conducted sessions with 8 learners twice a week to comprehend difficult concepts and encouraged self-discovery through question/answer guides, leading to a 20% GPA increase.
- Participated in weekly team meetings with 10 stakeholders over 5 months to develop comprehensive curriculum plans, achieving a 91% student course completion rate and improving retention by 5%.
- Communicated with colleagues to discover new teaching methods, enhancing student understanding and engagement, which improved class participation rates.
- Mentored 8 students through 45 hours of individualized instruction, maintaining a 98% accuracy rate in assessment feedback, leading to a 6% increase in overall class performance.

Aleric Technologies

Houston, TX

Web Development Intern

June – August 2022

- Built a task tracker web application with Angular 14 & REST API, increasing development speed by 40%.
- Crafted UI components utilizing HTML & CSS to create a sleek user experience, resulting in 20% more user engagement.
- Implemented a real-time interface using AJAX & JSON calls, yielding SEO rankings 80% higher than average.
- Collaborated with engineering professionals to maintain project software, ensuring efficient project completion and reducing downtime.