

Favour Kolade

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<https://favour-kolade-portfolio.vercel.app/>

EDUCATION

Carnegie Mellon University, H. John Heinz III College

Master of Science in Information Security Policy and Management

- Coursework: Cyber Intelligence, Information Security Management

Pittsburgh, PA

August 2025 - May 2027

University of Texas at Arlington

Bachelor of Science in Computer Software Engineering, Cum Laude

- Organizations: Cybersecurity Club, Association for Computing Machinery (ACM), Colorstack
- Relevant Courses: Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems (OS), Database Systems and File Structures, Software Testing, Information Security, Secure Programming, Computer Network Organization, Project Management.

Arlington, TX

August 2020 – May 2024

SKILLS

Programming Languages: Python, Java, SQL, R, HTML, CSS, JavaScript, TypeScript, C, C++, Node.js

Frameworks: Django, Angular, Bootstrap, Ionic, JUnit, Flutter, Next.js, React.js

Development Tools: Visual Studio Code, R Studio, Android Studio, Docker, Git, GCC, CI/CD pipelines, Jira, OpenAI API

Networking: TCP/IP, DNS, DHCP, VPN, Firewall configuration, Wireshark, Nmap, Identity and Access Management (IAM)

Technologies: Microsoft Office Suite, Google Cloud (GCP), Amazon Web Services (AWS), MongoDB, Firebase, Splunk, MySQL, Cisco Packet Tracer, OWASP Top 10, MITRE ATT&CK framework, PowerShell, Agile development, Scrum, Software Development Lifecycle (SDLC), Unix/Linux development environments, ELK stack

WORK EXPERIENCE

Platview Technologies

Cyber Security Intern

Remote

July 2024 - April 2025

- Developed and applied foundational cybersecurity principles, enhancing security knowledge and practical skills.
- Mastered subnetting, IP configuration, and network analysis techniques to support secure network design and troubleshooting.
- Utilized tools like Nmap for network scanning and vulnerability assessment, improving detection and mitigation strategies.
- Worked with ELK Stack and Splunk to monitor, analyze, and manage security information and events effectively.
- Participated in reviews, virtual trainings, and assignments to solidify knowledge and demonstrate competence in cybersecurity.

Headstarter

Software Engineering Fellow

Dallas, TX

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.
- Developed 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

Python / Django Intern

Houston, TX

May – December 2023

- Developed a polling website using Django framework, adhering to official documentation, resulting in a 30% increase in user engagement.
- Developed CRUD operations for polls and choices, resulting in 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

PLTL Leader

Arlington, TX

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

Web Development Intern

Houston, TX

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.