Ashar S. Ahmed

LinkedIn GitHub
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PROFESSIONAL EXPERIENCE

Member, Information and Communication Accessibility Committee   Aug. 2024 - Present
Government of Nova Scotia

· Creating standards to remove barriers to information access and ensure effective communication for all under the Accessibility Act

Cyber Security Advisor   2023 - Present
S.M. Ontario Medicine Professional Corporation

· Initiated a corporate security policy to protect the confidentiality, integrity, and availability of assets and data
· Implemented zero-trust through multi-factor authentication, macOS pilot, & continuous monitoring
· Strategizing and implementing security measures to meet PHIPA, PIPEDA, and organizational requirements
· Managing stakeholder communications, providing updates and recommendations on best practices

Associate Software Developer (IT-1)   Oct. 2021 - Jan. 2022
Canadian Digital Service

· Structured artifacts to simplify and create reliable, accessible support for federal organizations
· Automated workflows using **Terraform** to maintain AWS Cloud environments
· Assisted development to improve reliability and accessibility for services using **Python, Flask**

Software Developer (IT-1)   Feb. 2021 - Oct. 2021
Innovation, Science and Economic Development Canada

· Modernized web app with microservices, reducing data load times **by 65%**
· Awarded **Directors General Award of Merit** for meeting extremely tight deadlines, supporting operations
· Developed and maintained web apps using ECMAScript 2015 JavaScript to visualize open data
· Streamlined web applications using Spin.js & Google Maps, Cloud Platform to improve development and UX
· Gathered requirements from clients to determine project scope and requested feature feasibility
· Analyzed software performance and usability through unit and integration testing before deployment
· Researched and advised management on product issues, technical design, and preparing documentation

Software Developer Intern (Co-op)   Sept. 2020 - Dec. 2020
National Research Council of Canada

· Developed and maintained Oracle Platform apps using HTML5, JavaScript, and CSS to model business rules
· Maintained and tested an Oracle SQL database and wrote PL/SQL scripts to perform CRUD operations
· Integrated web applications with content management systems to streamline information accessibility

Call Centre Agent Intern   Jul. 2020 - Sep. 2020
Government of Nova Scotia

· Assisted Canadians by answering their concerns related to the Canada Emergency Response Benefit during the COVID-19 pandemic

EDUCATION & PROFESSIONAL CERTIFICATIONS

Master of Science in Cyber Security and Information Assurance   *Issued 2024*
Western Governors University

Bachelor of Computer Science   *Issued 2024*
Dalhousie University

CompTIA Cybersecurity Analyst (CySA+)   *Issued 2024*
CompTIA

CompTIA PenTest+   *Issued 2024*
CompTIA

Systems Security Certified Professional (SSCP) Certification   *Issued 2022*
International Information System Security Certification Consortium

Certified in Cyber Security (CC) Certification   *Issued 2022*
International Information System Security Certification Consortium

AWS Certified Developer Certification   *Issued 2022*
Amazon Web Services Training and Certification

AWS Certified Solutions Architect Certification   *Issued 2022*
Amazon Web Services Training and Certification

Certificate of Competence in Zero-Trust   *Issued 2023*
Cloud Security Alliance

SKILLS

Languages and Tools	Node.js, Java, SQL, PL/SQL, HTML, JavaScript, TypeScript, PHP, Python
Technical Skills	Algorithm & Data Structure Design, Data Engineering & Analysis
Other Skills	Agile (Scrum) Methodologies, Git, Bash, Linux, A11Y best practices

PUBLICATIONS

The Cyber Centre and Technologies - An Analysis   *Nov 2022*
OSF Preprint; DOI: **10.31219/OSF.IO/9ft7q (Accepted to Canadian Military Journal)**