

Ashar S. Ahmed

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PROFESSIONAL EXPERIENCE

Cyber Security Advisor

Jan. 2023 - Present

Dr. Shariq Mumtaz 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

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

Feb. 2021 - Oct. 2021

Innovation, Science and Economic Development Canada

- Modernized web app with micro-services, 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 (FSWEP)

Jul. 2020 - Sep. 2020

Employment and Social Development Canada

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

EDUCATION & PROFESSIONAL CERTIFICATIONS

Masters of Public Administration (MPA) <i>University of Birmingham</i>	<i>Jan. 2025 - Present</i>
Master of Science in Cyber Security and Information Assurance <i>Western Governors University</i>	<i>Issued 2024</i>
Bachelor of Computer Science <i>Dalhousie University</i>	<i>Issued 2024</i>
CompTIA Cybersecurity Analyst (CySA+) <i>CompTIA</i>	<i>Issued 2024</i>
CompTIA PenTest+ <i>CompTIA</i>	<i>Issued 2024</i>
Systems Security Certified Professional (SSCP) Certification <i>International Information System Security Certification Consortium</i>	<i>Issued 2022</i>
Certified in Cyber Security (CC) Certification <i>International Information System Security Certification Consortium</i>	<i>Issued 2022</i>
AWS Certified Developer Certification <i>Amazon Web Services Training and Certification</i>	<i>Issued 2022</i>
AWS Certified Solutions Architect Certification <i>Amazon Web Services Training and Certification</i>	<i>Issued 2022</i>
Certificate of Competence in Zero-Trust <i>Cloud Security Alliance</i>	<i>Issued 2023</i>

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, AI/ML best practices

PUBLICATIONS

The Cyber Centre and Its Technologies - An Analysis <i>(Accepted to Canadian Military Journal)</i>	<i>Nov 2022</i>
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