

Ashar S. Ahmed

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Work Status: U.S. and Canadian Citizen
Security Clearance: Secret (Level II)
Tel: 647-328-3346

PROFESSIONAL EXPERIENCE

Cyber Security Advisor

Jan. 2023 - Present

Dr. Shariq Mumtaz Medicine Professional Corporation

- Established a security policy framework to protect the confidentiality, integrity, and availability of needed data
- Enhanced security by deploying MFA, leading a macOS security pilot, and introducing continuous monitoring
- Implemented security controls aligned with PHIPA, PIPEDA, and general organizational requirements
- Communicated risks, updates, and best-practice recommendations to internal and external stakeholders

Associate Software Developer

Oct. 2021 - Jan. 2022

Canadian Digital Service

- Built AWS S3/DynamoDB remote state infrastructure with Terraform, Terragrunt, Checkov, and DevContainers
- Upgraded web reCAPTCHA system to v3 using **Python** and **Flask** to improve reliability and accessibility
- Wrote technical documentation to simplify and create reliable, accessible support for federal organizations

Software Developer

Feb. 2021 - Oct. 2021

Innovation, Science and Economic Development Canada

- Modernized web apps through the use of micro-services and ES2015 JavaScript, which cut data load times and improved performance **by 65%**
- Earned **Directors' General Award of Merit** for meeting tight deadlines and supporting ISED's spectrum operations
- Built a data visualization system using Chart.js, optimized for client-side viewing with lazy loading of large datasets
- Conducted unit, integration testing to ensure performance and usability, documented for deployment
- Documented client requirements to document project scope and evaluate requested feature feasibility

Software Developer Intern (Co-op)

Sept. 2020 - Dec. 2020

National Research Council of Canada

- Developed and maintained Oracle Database apps using HTML5, JavaScript, and CSS to aid in data pipelining
- Maintained and validated an Oracle SQL database, developing PL/SQL procedures to automate CRUD operations
- Collected and documented application requirements by consulting with staff and clients to align design with user needs

EDUCATION & PROFESSIONAL CERTIFICATIONS

Master of Public Administration (MPA)

Jan. 2025 - Present

University of Birmingham

Master of Science in Cyber Security and Information Assurance

Awarded July 2024

Western Governors University

Bachelor of Computer Science

Awarded May 2024

Dalhousie University

Systems Security Certified Professional (SSCP) Certification

Issued 2022

International Information System Security Certification Consortium

SKILLS

Languages and Tools

AWS (DynamoDB, EC2, S3) Node.js, Java, SQL, PL/SQL, HTML, JavaScript, Git, JSON, Python

Other Skills

Agile/Scrum & Accessibility methodologies, JIRA, Linux/UNIX and macOS administration