BHAVYATTA BHARDWAJ

Greater Toronto Area, ON Canada

+1 514-968-0972

[www.linkedin.com/in/bhavyatta-bhardwaj](http://www.linkedin.com/in/bhavyatta-bhardwaj)

[bhavyatta@gmail.com](mailto:bhavyatta@live.com)

MS Computer Science | Information & Cyber Security | Digital Transformation

Accomplished cybersecurity professional with 8 years of experience in vulnerability assessment, incident response, and security operations programs. Reduced security breaches by 75% through effective vulnerability management and proactive threat hunting programs. Strong, collaborative leader, adept in stakeholder engagement to enhance organizational security posture and resilience.

SOLUTIONS & FRAMEWORKS

Zero Trust Architecture (ZTA) NIST Cybersecurity (800 -53

and 800-171), FedRAMP

Risk Management (RMF) Identity and Access Management (IAM)

PROGRAM MANAGEMENT

Agile Methodologies, JIRA, Data Analytics, ServiceNow

GitHub Projects

TECHNOLOGY

Microsoft Defender for Ofﬁce & Identity, Purview, Sentinel Tanium, SailPoint CyberArk, ServiceNow Security Operations SQL, C++, Python

CERTIFICATIONS

MS Fundamentals (Azure, Azure AI, Security, Compliance & Identity) Splunk 7 & CyberArk Fundamentals

DevOps Project Manager IBM DB2 Associate

# RELEVANT EXPERIENCE

MICROSOFT | Customer Success Account Manager Oct 2022 – Sept 2024

*Microsoft Choice Recommendations for Digital Transformation and Security Efforts across Government of Canada*

* Partner with Health Canada to implement compete strategy by increasing licensing requirements by 40% above previous threshold to implement Federal Government’s largest M365 CoPilot proof of concept.
* Establish and nurture enduring business and IT partnerships with Canadian Federal Departments and Agencies, acting as trusted advisor and internal liaison, fostering consultative relationships.
* Deﬁne business outcomes to enhance the health, performance, and capabilities of Microsoft technologies, realizing $25 million CAD in investment across Innovation, Science, and Defense departments, and facilitate attaining strategic objectives through utilization of technology solutions every month.
* Lead efﬁcient service delivery by providing portfolio and deliverables oversight and aligning customer objectives with support contracts to establish a long-term delivery strategy, ensuring technical debt management and adoption of a mature security posture through enabling cloud and secure cloud to ground technologies.
* Implement a streamlined process to align department’s mandate with Microsoft's services, optimizing timely guidance based on multiple customer priorities and increasing adoption of Microsoft products and services.
* Attained 98% of Microsoft Commit to Consume (MACC) of a federal defense department and supported an additional $2 million CAD investment in Azure credits to support cloud migrations.
* Assessed identity and access pillars for two federal departments in compliance with Zero Trust Principles to identify gaps, supporting remediation through Single Sign-On (SSO) and Role Based Access Controls (RBAC).

BELL CANADA | Cyber Security Engineer Feb 2021 – Oct 2022

*Delivered Identity and Access Management and Security Controls Program and Policies across 3G/4G/5G Networks*

* Facilitated integrating over 50,000+ user accounts, including customer facing assets and applications across 15 business units into the predetermined PAM Solution, ensuring controlled access management for critical infrastructure within 3G/4G/5G networks.
* Uncovered deﬁciencies in root password change procedures and policy settings for network devices, prompting the adoption of TACACS servers to address risk, in collaboration with Solution Architects to develop and implement a security maturity model, overseeing the change management.
* Performed security audits and risk assessment for IAM and vendors assurance processes, documentation, and workﬂows, developed gap analysis to identify and prioritize process improvements.
* Initiated Architecture Risk Prioritization Program for articulating the gaps in network architecture and associated risks with leadership and remediation plans.
* Monitored IAM security compliance for crown jewels and 5G launch readiness to enhance digital identity management, achieving 40% reduction in unauthorized access incidents following best practices.
* Led a cross-functional improvement driven team addressing bottlenecks and providing escalation support, while managing risks and resolving conﬂicts, directing wireless security initiatives budgeted for $20 million CAD, providing C-Suite leadership with target outcomes and progress updates, aligned with strategic goals for effective execution.

BANK OF CANADA **|** Vulnerability Management Program Manager Consultant Oct 2019 – Feb 2021

*Instituted Vulnerability Management Program and Remediation and led Rapid War Rooms for Real-time Risk Mitigation*

* Established an end-to-end Vulnerability Management Program, supporting the Information Assurance Portfolio to identify vulnerabilities and manage risk due to gaps in the technology ecosystem of the federal bank.
* Automated the vulnerability intake process by evaluating and leading the implementation of ServiceNow Asset and Vulnerability Management Modules, reducing the manual data entry by 30%, incorporating the program with IT operations’ processes.
* Integrated AI-driven analytics and leading a cross-functional team, while enhancing continuous monitoring, cut manual oversight by 70%, and proactively managed threats, contributing a 35% drop in breaches and effectively addressing a dynamic range of vulnerabilities.
* Evaluated and presented security solutions such as Splunk, Sentinel, Tanium, Microsoft Defender for Endpoint and CyberArk, etc. to align with the evolving threat landscape, thereby enhancing the Bank’s capabilities to measure and manage cyber risks, constantly maturing the program and security posture of the federal bank.

Remediation Management Consultant

*Accelerated Remediation of Scanned High and Medium Rated Vulnerabilities from the Inherited Pipeline*

* Owned remediation of 90% vulnerabilities, delivering 6 months ahead of schedule realizing $8 Million CAD investment, while reporting progress and project risk to the Chief Information Ofﬁcer (CIO) and Chief Information Security Ofﬁcer (CISO).
* Led multiple remediation project roadmaps and timelines, deﬁned and tracked milestones while meeting deadlines for high and critical vulnerabilities.

NEW BRUNSWICK POWER **|** Management Consultant Oct 2018 – Mar 2019

*End to end Ofﬁce 365 Deployment and Cloud Governance Strategy to support NB Power’s Digital Transformation*

* Led O365 deployment in collaboration with Microsoft Service Provider, collaborating with client leadership to prioritize project activities, resource availability, and escalation of constraints and risks with key performance dashboards to reduce error backlog and turnaround times by 40%.
* Formalized the Cloud Governance Strategy congruent with North American Electric Reliability Corporation - Critical Infrastructure Protection (NERC CIP), ISO 27000 standards, and corporate compliance requirements to ensure accountability of data, Service Level Agreements (SLA) and process ownership.

GOVERNMENT OF NEW BRUNSWICK **|** Web Developer and Project Manager May 2016 - Oct 2018

*Front-end Internet Website and custom ArcGIS Application Development and Management*

* Developed custom Geographic Information System (GIS) Applications for Marine Aquaculture sites, Agricultural Land suitability sites and Bedrock Geology sites to modernize ﬁeld operations, and the department’s intranet and public website, while training users and providing ongoing support to increase user adoption.
* Delivered strategic roadmaps for mining site assessments utilizing drone technology, GIS data and ﬁnancial trends, reducing departmental expenses by 24% and conducted risk assessment for cryptography on radio signal communications for conservation ofﬁcers.

# EDUCATION

Master of Science in Computer Science (2017) University of New Brunswick, New Brunswick, Canada Bachelor of Technology in Information Technology (2014) Uttar Pradesh Technical University, India

