

Gogulnath Kulothungan

MASTERS IN INFORMATION SYSTEMS

216-224-0747 gogulnath445@gmail.com [Portfolio](#) [LinkedIn](#) Cleveland Cloud Data Protection Engineer.

SUMMARY

Cloud Security & Data Protection Engineer with 4 years of expertise in **backup, disaster recovery, and security frameworks**. Skilled in **Commvault**, cloud platforms (AWS, Azure, GCP), and **cybersecurity compliance (NIST, GDPR)**. Proven ability to optimize data security, minimize recovery time, and implement scalable backup solutions.

SKILLS

Cloud Security & Compliance | IAM, Splunk, GDPR, NIST, CIS.

Backup & Disaster Recovery | Commvault, AWS Backup, Azure Backup, TSM, Hyper-V.

Database & Scripting | SQL, Python, Shell, Linux.

Incident & Service Management | JIRA, ServiceNow.

EXPERIENCE

Information Security Engineer | GISOCC

Chennai, India

Valeo

01/2023 - 01/2024

- Automated **Commvault backups** on **VMware and Hyper-V**, cutting **recovery time by 30%** and enhancing **incident response**.
- Migrated **on-prem tape and disk data** to **Azure and Windows Server**, ensuring **99.9% data integrity** with minimal disruption.
- Created disaster recovery plans aligning RTO/RPO with business continuity goals**, enhancing cyber resilience.
- Integrated advanced encryption methods and cloud backup solutions, ensuring compliance with **NIST** and **GDPR standards**.
- Optimized data lifecycle on Linux and Windows**, reducing storage costs by **15% through deduplication and tiered storage**.

System Administrator

Chennai, India

Tata Consultancy Services

04/2020 - 01/2023

- Migrated **6,000+ servers** from **TSM to Commvault**, cutting **backup failures by 25%** and improving **cloud protection**.
- Designed **optimized backup policies, achieving a 99% success rate** while ensuring compliance with retention policies.
- Restored **applications and databases in hybrid cloud**, resolving **95% of incidents** within **SLA targets**.
- Integrated backups across **AWS, Azure, and GCP** for **secure replication** and **encrypted data transfers**.
- Collaborated with cybersecurity teams to integrate **IAM access, key vault encryption, and forensic logging** into backups.

CERTIFICATIONS

Google Cybersecurity Certifications (June - August 2024)

Covering **foundation of cybersecurity, network security, risk management, Linux and SQL in cybersecurity, and threat analysis**. Developed expertise in security frameworks, risk mitigation, and system protection.

Microsoft Security Essentials (Microsoft, Feb 2025)

Earned the **Microsoft Security Essentials** certification from LinkedIn Learning, covering cloud security, governance, risk management (GRC), and AI-powered protection to strengthen cybersecurity expertise.

Mastercard Cybersecurity Virtual Experience (Forge, March 2025)

Focusing on **phishing detection, threat reporting, and security awareness training**. Analyzed business vulnerabilities and implemented targeted security training initiatives.

Python Foundation (NIIT Limited, Dec 2020)

Gained **beginner-level proficiency in Python programming and scripting**.

EDUCATION

Masters in Information Systems

Cleveland, United States

Cleveland State University, GPA 3.7/4.0

01/2024 - Present

- Focused on **systems design, database management, cybersecurity, and data analytics**.

PROJECT

Blockchain-Based Money Transactions

Developed a **Solidity smart contract** for secure **peer-to-peer transactions** on **Ethereum**. Integrated **Metamask API** for transaction handling and utilized **Ether scan** for real-time auditing, ensuring **data integrity and transparency**.

<https://github.com/gogulnathsk/Blockchain>.

Enterprise Database Management System

Designed **relational schemas** and optimized **SQL queries** for efficient **data storage, retrieval, and processing**. Developed **Python scripts** for automated **data imports/exports**, ensuring **data integrity, scalability**, and efficient query execution.

<https://github.com/gogulnathsk/Enterprise-Database>.

CyberSecurity Job Simulation- Commonwealth Bank

Developed a **fraud detection system** with **Splunk dashboards** for real-time threat analysis. Conducted **penetration testing** on web applications, identified vulnerabilities, and implemented **remediation strategies** to enhance security.