



Sreeja Ajithkumar

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🚗 NZ Driving License

📄 NZ Post-Study Work Visa (Open) – Valid until November, 2028

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Profile

Cybersecurity Analyst with a master's in cyber security (First Class Honours) and hands-on experience in threat detection, SIEM analysis, and vulnerability assessment. Skilled in Splunk, log analysis, MITRE ATT&CK mapping, and incident investigation, with a strong foundation in secure application development and backend systems. Previously worked as a Software Developer, building and maintaining backend services, APIs, and production systems, with experience in log monitoring, troubleshooting, and secure coding practices. Experienced in analyzing security events, identifying attack patterns, and supporting incident response workflows.

Professional Experience

12/2021 – 05/2024
Dubai, United Arab Emirates

SIGMA SOLUTIONS

Software Developer

- Monitored and analyzed system and application logs to identify **security incidents and anomalies**
- Applied **secure coding practices (OWASP Top 10)** to reduce application vulnerabilities
- Supported **incident investigation and troubleshooting**, simulating SOC workflows
- Assisted in **security configuration and vulnerability mitigation**
- Collaborated with teams to improve system reliability and security posture

07/2020 – 11/2021
Dubai, United Arab Emirates

IT LINK COMPUTER LLC

SAP Support Analyst

- Managed **user access control (RBAC)** and enforced security policies
- Supported **security operations and system monitoring** in enterprise environments
- Assisted in resolving **security incidents and operational issues**
- Maintained compliance and system stability through regular checks

06/2019 – 06/2020
Ajman, United Arab Emirates

CITY PRIVATE SCHOOL

Computer Science Teacher

- Taught programming fundamentals, database concepts, and basic networking.
- Mentored students in problem-solving and logical thinking.

Education

07/2024 – 11/2025
Hamilton, New Zealand

Master's in Cyber Security- First Class Honours

University of Waikato

04/2015 – 08/2017
Kollam, India

Master's in Computer & Information Science

APJ Abdul Kalam Technological University

04/2011 – 04/2015
Kollam, India

Bachelor's in Computer Science & Engineering

Kerala University

Skills

Cybersecurity Skills

- Threat Detection & Analysis
- SIEM (Splunk) & Log Analysis
- MITRE ATT&CK Mapping
- Incident Investigation
- Vulnerability Assessment (OWASP Top 10)

Programming & Scripting

- Python, SQL
- REST APIs, JSON

Tools & Technologies

- Splunk, Wireshark, Nmap, Burp Suite
- Linux, Windows
- Git, Docker (basic)

Cloud

- AWS (basic), Azure fundamentals

Projects

06/2025 – 11/2025

Taxonomy-Driven Framework for Cyber Attacker Classification & Behavioural Mapping

- Performed **incident-style analysis of large-scale attack data (14M+ events)**
- Identified suspicious patterns and mapped to MITRE ATT&CK techniques
- Simulated **threat detection and investigation workflows**
- Documented findings similar to SOC incident reports

03/2025 – 06/2025

Web Application Security Testing Project

- Implemented authentication and role-based access control
- Applied secure coding practices aligned with OWASP Top 10
- Conducted basic vulnerability assessments and testing
- Gained hands-on experience in application security testing

07/2024 – 11/2024

Full Stack E-commerce Application

- Developed a web-based application with front-end and backend integration
- Built user interfaces using HTML, CSS, and JavaScript
- Implemented backend logic and API integration
- Focused on usability, performance, and clean UI design

Publications

04/2026

Ajithkumar, S., & Haseeb, J. (2026). A Taxonomy-Driven Cyber Attackers Classification. AINA 2026.

07/2016

Ajithkumar, S., & Wilson, P. (2016). Clustering Data using Incremental Affinity Propagation. IOSR-JCE. [↗](#)

Certificates

- CompTIA Security+ [↗](#)
- Google Cloud Cybersecurity [↗](#)
- Google Cyber security Certificate [↗](#)
- IBM Cyber security Analyst [↗](#)
- Microsoft Cybersecurity Analyst [↗](#)
- AWS Cloud Practitioner (in progress)