

# REKHA SWAMINATHAN



- 📞 contact number : 8667413107
- ✉️ Email : [rekhaswaminathan31@gmail.com](mailto:rekhaswaminathan31@gmail.com)
- 📍 Location : Chennai
- 🔗 Linkedin : [REKHA SWAMINATHAN](#)
- 💻 Github : [rekha4545](#)
- 📁 portfolio : [portfolio](#)

## SUMMARY

Motivated Information Security Analyst with a strong foundation in governance, risk management, and compliance (GRC) practices. Skilled in risk assessment, policy documentation, vulnerability analysis, and compliance reporting, with the ability to support secure and compliant business operations.

## EXPERIENCE

### FIVE STAR BUSINESS FINANCE

September 2025–Present

#### SOC COORDINATION

- Coordinated with SOC for triage and analysis of SIEM, EDR, firewall, and email security alerts.
- Performed initial log analysis, validated IOCs, and supported containment and remediation activities.
- Tracked incident tickets, ensured SLA compliance, and documented RCA and closure evidence.
- Assisted in threat hunting, vulnerability monitoring, and implementation of compensatory controls.

#### VAPT

- Handled end-to-end VAPT for web, mobile, infrastructure, and API environments (UAT & Production).
- Reviewed and analyzed security findings (OWASP, authentication, API flaws) and assessed risk impact.
- Coordinated remediation with technical teams and validated fixes through revalidation testing.
- Ensured alignment with regulatory and internal security requirements.

#### DPDPA

- Supported DPDPA compliance initiatives across business and technology teams.
- Conducted data flow analysis and identified gaps in personal data handling and protection controls.
- Assisted in drafting privacy policies, data retention standards, and consent management processes.
- Coordinated with stakeholders to implement remediation actions and strengthen data protection governance.

#### INFORMATION SECURITY & IT AUDIT

- Supported statutory and internal IT audits by coordinating evidence collection and stakeholder discussions.
- Reviewed control design and operating effectiveness across ITGC, access management, and security controls.
- Assisted in preparing audit responses and remediation updates for management review.
- Ensured alignment with regulatory requirements and internal policies.

#### TPRM

- Conducted third-party security risk assessments and due diligence for vendors handling sensitive data.
- Reviewed security controls, compliance documents, and regulatory adherence (RBI/CERT-In requirements).
- Evaluated vendor access to critical systems and ensured least-privilege and contractual security clauses.

## **EXPERIENCE**

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### **POLICY AND DOCUMENTATION**

- Assisted in drafting and updating policies .
- Maintained evidence trackers, remediation status sheets, and compliance dashboards.

### **SECURITY AWARENESS & COORDINATION**

- Supported organization-wide Cybersecurity Awareness initiatives.
- Coordinated with internal teams and external vendors for security validation and reporting.

### **ACCESS GOVERNANCE & IDENTITY MANAGEMENT**

- Conducted User Access Reviews (UAR) for critical applications.
- Ensured compliance with Role-Based Access Control (RBAC) and the principles of least privilege.
- Verified that user onboarding, modifications, and deactivations were timely in accordance with HRMS records.
- Identified and resolved access conflicts and issues related to excessive privileges..

### **CERT-IN & PATCH MANAGEMENT**

- Reviewed CERT-In security advisories and assessed their impact on internal systems.
- Coordinated the deployment of patches and validated implementation evidence.
- Followed up with stakeholders to ensure timely mitigation of risks.

### **SECURITY MONITORING & ENDPOINT CONTROL**

- Monitored endpoint security alerts utilizing enterprise security tools.
- Investigated suspicious activities and validated security logs.
- Ensured that unauthorized software and security deviations were properly addressed.

## **EDUCATION**

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### **MASTER OF COMPUTER APPLICATIONS**

2023-2025

SASTRA UNIVERSITY

CGPA – 8.1

### **BSC – COMPUTER SCIENCE**

2020-2023

SWAMI DAYANDA COLLEGE OF ARTS

AND SCIENCE MANJAKKUDI

CGPA – 8.5

### **HSC**

2019-2020

NEW BHARAT MATRICULATION HIGHER

SECONDARY SCHOOL TIRUVARUR

58 %

### **SSLC**

2017-2018

SAIRAM MATRICULATION HIGHER

SECONDARY SCHOOL TIRUVARUR

92 %

## **INTERNSHIP**

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### **NEXATHREAD(JAVA DEVELOPER INTERN)**

JAN 2025-APR 2025

- I Assisted in secure application development, applying secure coding practices and Collaborated on system optimization and analyzed risks in application workflows.

## **INDUSTRIAL VISIT**

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### **AESTERINDIA PVT. LTD**

It was an incredible opportunity for us to explore the industry and gain practical knowledge I was warmly welcomed by the company representatives and were given a brief introduction about their operations in Artificial Machinery development.

## **PROJECTS**

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### **AI FOR CLASSIFYING WHEAT YELLOW RUST INFECTION** [LINK](#)

JAN 2025-APR 2025

Developed an AI-based model to classify Wheat Yellow Rust infection using image analysis and machine learning techniques, enabling early detection and precise disease management.

### **ENHANCED DIABETES PREDICTION THROUGH MACHINE LEARNING**

JUL 2024-DEC 2024

#### [DIABETES LINK](#) [IEEE PUBLICATION](#)

Published in IEEE IC3 Conference, Feb 2025

A diabetes prediction project using machine learning and artificial intelligence to build a model that predicts the likelihood of an individual developing diabetes. The model analyzes patient history and demographics such as age, gender, BMI, and blood glucose level

### **AD FREE SEARCH ENGINE** [LINK](#)

FEB 2024-JUN 2024

An ad-free search engine project aims to provide users with a clean, privacy-focused search experience, free from the biases of ad-driven revenue models. The project can be created for a student portfolio, a community-driven open-source initiative, or as a commercial product with a different monetization model.

JAN 2023-APR 2023

### **ONLINE SHOPPING SYSTEM** [LINK](#)

The Online Shopping is a web based application intended for online retailers. The main objective of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier

## CYBERSECURITY CERTIFICATIONS

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- GOOGLE CYBERSECURITY PROFESSIONAL CERTIFICATE -[LINK](#)
- IBM CYBERSECURITY ANALYST - [LINK](#)
- CYBERSECURITY ESSENTIALS - [CISCO](#)
- JUNIOR CYBERSECURITY ANALYST CAREER PATH- [LINK](#)
- CYBER THREAT MANAGEMENT - [LINK](#)
- NETWORKING BASICS - [LINK](#)
- ENDPOINT SECURITY - [LINK](#)
- NETWORK DEFENSE - [LINK](#)

## ADDITIONAL TECHNICAL CERTIFICATIONS

- IBM FULL- STACK JAVASCRIPT DEVELOPER PROFESSIONAL CERTIFICATE -[LINK](#)
- IBM MACHINE LEARNING -[LINK](#)
- NETWORKING DEVICES AND INITIAL CONFIGURATION - [LINK](#)
- CLOUD COMPUTING - [NPTEL](#)
- INTRODUCTION TO INTERNET OF THINGS - [NPTEL](#)

## SKILLS

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### CYBERSECURITY AND GRC SKILLS    TECHNICAL TOOLS AND

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|---|--|
| <ul style="list-style-type: none"><li>• RISK ASSESSMENT &amp; COMPLIANCE (NIST, ISO 27001, GDPR BASICS)</li><li>• SECURITY AUDITING &amp; POLICY DOCUMENTATION</li><li>• THREAT DETECTION &amp; INCIDENT RESPONSE</li><li>• VULNERABILITY MANAGEMENT</li><li>• NETWORK SECURITY &amp; ACCESS CONTROL</li><li>• GOVERNANCE &amp; REPORTING</li></ul> | <p><b>PLATFORMS</b></p> <ul style="list-style-type: none"><li>• POWER BI (REPORTING RISKS &amp; KPI'S)</li><li>• MICROSOFT AZURE SECURITY FUNDAMENTALS</li><li>• SQL, PYTHON (FOR LOG ANALYSIS &amp; AUTOMATION)</li></ul> |
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## PERSONAL DETAILS

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- Name : Rekha Swaminathan
- Father's Name : Swaminathan
- Mother's Name : Madhavi
- Passport Number : AA836575
- Date of Birth : 31-05-2003
- Languages Known : Tamil, English

## DECLARATION

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I hereby declare that all the details provided above are accurate and true to the best of my knowledge

Date :

Place :

Rekha Swaminathan