
Piraichudan N

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Summary

A highly responsible and dedicated PKI Engineer with four years of experience in cryptographic services, adept at ensuring efficient and effective operations. Demonstrates extensive knowledge and practical expertise, consistently delivering exceptional service with a track record of recognized performance. Excels in cultivating, managing, and leveraging client relationships. Seeking a challenging and innovative career in the cybersecurity domain, where I can apply my existing knowledge and resourcefulness, acquire new skills, and contribute meaningfully to the organization's success.

Experience

PKI ARCHITECT | 11/2020 - Current (4 years 3 months)

Wipro Limited - Leeds, United Kingdom

- Designing, building, and operating PKI solutions and environments for a reputed bank in the UK.
 - Managing Certificate Authority Administration, including Certificate Enrollment Web Service & Policy Web Service, CA Servers, and monitoring Active Directory Certificate Services.
 - Supporting and managing the PKI and Certificate deployment and automation.
 - Understanding details of existing certificate use-cases and preparing onboarding roadmaps for the new PKI service.
 - Proficient in Microsoft products, servers, AD, IIS, and DNS configurations.
 - Managing the technical support of the PKI managed service, including performing certificate checks, CRL/OCSP checks, and issuing and revoking certificates.
 - Handling high-priority incident response duties and reporting to Incident Manager as a SME.
 - Implementing procedures to automate repetitive BAU tasks.
 - Leading the offshore team and mentoring them on queries related to digital certificates.
 - Implemented Aurora CMO to FMO infrastructure and application migration.
 - Provided comprehensive knowledge transfer on all the work processes to new joiners.
 - Expert in managing Mainframe SSL/TLS certificates.
 - Worked on new product introduction like the AppViewX CLM tool, Entrust CLM tool, and KeyFactor CLM tools.
 - Configured and set up EJBCA for the bank for testing purposes.
 - Automating digital certificate implementation using tools like UCD and AppViewX with Venafi.
 - Implementing security controls and protocols across the organization.
 - Managing relationships with third-party vendors to ensure they meet our security requirements.
 - Supported cloud automation projects by integrating Venafi with Terraform on the Azure platform and guiding them on related coding queries.
 - Managing encryption keys throughout their lifecycle, including key requests, generation, distribution, usage, revocation, and renewal.
 - Approving the issuance of certificates to network devices and managing CA operations.
 - Facilitating processing requests for PKI certificates by serving as Registration Authority (RA) and Local Registration Authority (LRA).
 - Writing, reviewing, and maintaining Information Assurance (IA) documentation, including System Security Plans (SSP), Certification Practice Statements (CPS), and Contingency Plans.
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Skills

- Public Key Infrastructure (PKI) Management
- Cryptographic solutions
- Incident Response and Handling
- Mainframe Certificate Management
- Microsoft Services Management
- System Administration and Documentation
- Leadership & Team Management
- Security Management

Certifications

- Successfully completed **CompTIA IT Fundamentals (ITF+) Certification**.
- Certified **Venafi Security Administrator (VSA)** Datacenter 24.1.
- Certified **Venafi Security Administrator (VSA)** Cloud Administrator Training.
- **Cyber Security Foundation Professional Certificate (CSFPC)** certified.
- Microsoft Certified – **Azure Fundamentals AZ-900**.
- Certified **(ISC)² & Security Fundamentals** from Skill Soft.
- Awarded 'A' Certificate in **National Service Scheme (NSS)**.
- Cambridge English Entry Level Certificate in ESOL International (Business) - Council of Europe Level B1.

Accomplishments and awards

- Won the **Cyber Risk Security (CRS) High Flyer award** in both 2023 and 2024 from **Wipro Limited** for my exceptional work.
- Received the **IDATE award** for proposing and implementing valuable contributions to the organization.
- Acknowledged with the opportunity to work onsite with clients directly, despite my short span of experience.
- Consistently received **constructive feedback** over the last 4 years, along with high ratings and appraisals.
- Highly appreciated by clients for offering expert engineering services and consultation, often rewarded with gift hampers.
- Secured the **20th rank in university examinations** in my specialization.
- Coordinated multiple public and private events within the organization.

Tools Specialized in

- Venafi Trust Protection Platform (TPP)
- IBM Reflection Workspace Mainframe
- Microsoft Windows Server Manager & Office products
- Thales Cipher Trust Manager
- ITIL ServiceNow
- AppViewX CLM & KeyFactor CLM
- DigiCert CA & Products
- Hashicorp Vault

Education

NMIMS - Mumbai | Post Graduate Diploma in Information Technology and System Management (PGD-ITSM), 2023

- Coursework in Information Technology and System Management.
- Secured and gradated **73.1%** in the field of study in distance education method.

K. Ramakrishnan College of Technology - Trichy, Tamil Nadu | Bachelor of Engineering | Mechanical, 2020

- Graduated in Mechanical Engineering with **First Class and Distinction with 88.9%**.
- Secured **20th rank** in the university in mechanical specialization.
- Successfully executed a project on "Design and analysis of prosthetic foot using additive manufacturing technique", accepted and published by Elsevier Materials Today – Proceedings at July 2020 - <https://www.sciencedirect.com/science/article/pii/S2214785320352883>

References

- References will be furnished upon request.