

Abhijit Thakur

Cloud Security | Compliance | Infrastructure & Automation

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IBM Cloud Logs Security Focal

Experienced security professional with 14 years of background in security and compliance. Specialized in hybrid cloud infrastructure, microservices, automation, and industry certifications (SOC 2, HIPAA, PCI, ISO). Proven ability to lead complex projects, identify risk areas, and deliver high-quality results. Skilled in cloud technologies, Kubernetes, CI/CD, and regulatory frameworks such as GDPR and SOC 2. Strong collaborator with excellent project management skills and a focus on continuous improvement.

Work Experience:

IBM Cloud – Infrastructure, Austin Security focal - IBM Cloud logs

Sept 2016 - present

- Security focal for IBM Cloud Observability and IBM Cloud Foundry for **6 years**, driving security compliance, and risk mitigation.
- Secured and maintained an observability platform built on microservices architecture, supporting **1 million line of logs per hour with 99% uptime**.
- Provided SRE support, resolving **90% of severity 1** incidents within SLA and assisting **20+ enterprise clients** with migration.
- Led and managed audit certifications (HIPAA, SOC 2, PCI, ISO, FBA) for IBM Public Cloud PaaS, ensuring **100% compliance** across multiple security frameworks, including GDPR.
- Played a pivotal role in supporting risk management and compliance processes for IBM Cloud PAAS, demonstrating a commitment to industry regulations.
- Managed Kubernetes-based IBM Cloud infrastructure, overseeing **20+ clusters and 1000+ nodes**, ensuring availability, scalability, and security in a cloud-native environment.
- Led OS patching initiatives using IBM Endpoint Manager 9.5, automating updates for around 300 servers, **reducing manual patching time by 90%**.

Areas of expertise:

- Cloud Infrastructure (Public/Private/Hybrid: IBM Cloud)
- Security Audits & Compliance (SOC 2, HIPAA, PCI, ISO, GDPR)
- Risk Management & Mitigation
- Kubernetes, Microservices, and Containerization
- Automation & Infrastructure as Code (Terraform, Bash, Python)
- Continuous Integration & Continuous Deployment (CI/CD) Pipelines (Travis, Tekkton)
- Vulnerability Assessments & Threat Management
- Cross-Functional Collaboration & Project Management
- Oracle Access Manager 10G and 11G
- PingFederate 7.0 and above.

Education:

- **MS in Computer Science - 2012**
University of Memphis
- **BE in Computer Science - 2008**
University of Pune, India

- Developed automation scripts in **Bash** and **Python** to address server hardening gaps and enforce CIS benchmarks.
- Automated deployment workflows and optimized **CI/CD pipelines** using Terraform and Travis, streamlining the rollout of fixes across IBM Cloud infrastructure. Developed monitoring scripts to assess deployment success rates, reducing manual intervention and enhancing system reliability.
- Hands-on exposure to IBM WatsonX APIs, leveraging **AI-powered analytics** for operational insights in select projects.

FEDEX SERVICES, Memphis

Jan 2013-Sept 2016

Technical Analyst

- Supported Web Single Sign-On (**SSO**) implementation using Oracle Access Manager (**OAM**) 10G & 11G R2 for enterprise-wide authentication services.
- Ensured full compliance with **SHA-2/TLS 1.2** security standards across all EAS applications.
- Configured and maintained a **large fleet of WebLogic Servers**, improving performance and reducing downtime.
- Managed and upgraded **Ping Federate** to support **high-volume authentication requests, onboarding 50 vendors** to enable seamless SSO integration.
- Developed automation scripts to clean logs and optimize resource usage, improving server efficiency and reducing manual intervention.
- Handled SSL certificate management for Apache, WebLogic, and Ping Federate servers, ensuring secure communication and system integrity.

IBM India Pvt Ltd

Dec 2009 – Aug 2010

System Software Engineer

- Provided Level 2 support for IBM Tivoli Directory Server, handling all severity issues.
- Recreated customer-reported problems in test labs and devised effective solutions.
- Authored technical documentation for previously undocumented issues to improve knowledge sharing.

IBM India Pvt Ltd

Dec 2009 – Aug 2010

Unix System Administrator

- Provided L1 Unix system administration support for IBM ITD-SO.
- Managed BAU operations for AIX and HP-UX, including user management.
- Managed end-to-end OS patching for AIX, including change management processes—raising change requests, obtaining approvals, executing patch installations, and providing compliance artifacts for successful completion.
- Performed security compliance tasks for Unix servers, ensuring adherence to standards.