MOHAMMAD SAMIULLAH CISSP, CCSP, CISM, OSCP+

Cybersecurity, Application Security, Pen Testing, Red Teaming, Threat Hunting, Vulnerability Management, DevSecOps, Security Engineering, Compliance & Risk Management, Product Security & R&D

Result-oriented cybersecurity leader seeking challenging assignments in **Cybersecurity**, **Cloud**, Application Security, DevSecOps, and Threat Management, with expertise in secure product development, cloud security, and AI/ML-driven security solutions.





+91 9845174074

PROFILE SUMMARY



coolsammy2k@gmail.com



https://www.linkedin.com/in/mohammadsamiullah/

A high-energy cybersecurity executive with over two decades of experience leading and securing global technology environments across America, Asia-Pacific, and Europe. Proven expertise in **offensive**, **defensive**, **and security engineering** domains, with a strong focus on **Cybersecurity**, **Application Security**, **Infrastructure Security**, **Secure SDLC**, **DevSecOps**, **ML/AI**.

Strategic Security Leadership, Presales & Solutioning:

- Led end-to-end presales cycles for software and security solutions, including RFI/RFP responses, effort estimation, and client presentations.
- Designed tailored security solutions (SOC, VAPT, GRC) aligned with client business objectives and compliance standards (NIST, ISO 27001, GDPR).
- o Collaborated with technical teams to draft SoWs, pricing models, and architecture diagrams for enterprise proposals.
- Architected and scaled enterprise-wide cybersecurity programs, embedding security-by-design principles into SDLC and DevSecOps pipelines.
- Spearheaded Application Security, Cloud Security, and Vulnerability Management initiatives, ensuring robust threat modeling and compliance with industry standards (OWASP, NIST, ISO 27001).
- Led **Penetration Testing** efforts on critical applications and infrastructure, proactively identifying vulnerabilities and implementing mitigation strategies.
- Owned \$1.5M annual budget for security/product development teams, reducing tooling costs by 20% through vendor negotiations and open-source adoption.

Security Engineering & DevSecOps:

- Designed and implemented **Zero Trust Architectures**, IAM solutions, and automated security controls within **CI/CD pipelines**.
- Established a Secure SDLC program, integrating SAST, DAST, IAST, and container security across the software development lifecycle.
- Successfully implemented DevSecOps frameworks, fostering collaboration between security, engineering, and operations teams.
- Evaluated and deployed cutting-edge security technologies to enhance detection, response, and remediation capabilities.

Cloud & Infrastructure Security:

- Led cloud security strategies across AWS, ensuring compliance, security hardening, and proactive threat mitigation.
- Extensive experience in infrastructure security (firewalls, load balancers, hypervisors, storage security, network segmentation).
- Defined security postures for IaaS, PaaS, and SaaS environments, aligning with compliance frameworks.

Team Leadership & Security Culture:

- Managed cross-functional teams (SOC analysts, Pentesters, GRC consultants) for seamless project execution.
- Built and led cross-functional cybersecurity teams (Pentesters, DevSecOps Engineers, Security Architects, Cloud Security Experts).
- Fostered a security-first culture by coaching development teams on secure coding practices, threat modeling, and security automation.
- Partnered with senior leadership to drive security governance, compliance, and risk management initiatives.
- A hands-on technical leader with a proven track record of securing digital transformations, mitigating cyber risks, and aligning cybersecurity with business objectives. Passionate about driving security innovation, thought leadership, and resilience in modern enterprises.

T CER

CERTIFICATIONS

https://www.credly.com/users/mohammad-samiullah/badges

- Certified Information Systems Security Professional (CISSP)
- Cloud Certified Security Professional (CCSP)
- Certified Information Security Manager (CISM)
- Offsec Certified Security Professional Plus (OSCP+)
- Certified Network Pentester (CNPen)
- Certified Ethical Hacker (CEH)
- Certified DevSecOps Professional (CDP)
- AWS Architect Associate (discontinued)



















2024

Advanced Executive Program in Cyber security – International Institute of Information Technology, **Bangalore (IIITB)**

2000

B.E. in Electronics & Communication from Gogte Institute of Technology, Belgaum

CORE COMPETENCIES

Cybersecurity & Risk Management

Defensive Security & Threat

Management

Cloud Security & Architecture

DevSecOps/DevOps & CI/CD

Cloud (AWS, Azure, GCP), IaC, CaC

Network Pentesting

Security & Vulnerability Management

Offensive Security & Penetration Testing

Security Engineering & DevSecOps

Governance, Risk & Compliance

Data Privacy, NIST Frameworks

Solution Architecture & Design

Presales, Solutioning & Roadmap

Leadership & Team Development



TECHNICAL SKILLS

Metasploit, Nmap, Burp Suite, OWASP ZAP, SQLMap, Wireshark, Cobalt Strike, **Offensive Security** BloodHound **Vulnerability Management** Tenable, Nessus, DefectDojo SIEM: Splunk, EDR/XDR: CrowdStrike, Log Management: Elastic Stack (ELK Stack) **SOC Tools & Technologies Malware & Threat Analysis** VirusTotal, PEStudio Secure Code Review & SAST/DAST Bandit, Safety, TruffleHog, OWASP Dependency-Check, Nikto Security Engineering & DevSecOps Git, GitLab, Jenkins, OWASP ZAP, Ansible Infrastructure as Code (IaC) & Compliance Terraform, AWS CloudFormation, Ansible, Inspec as Code (CaC) **Cloud Security** AWS, Azure, GCP - IAM, Security Groups, CloudTrail Docker Security, Kubernetes Security (Kube-bench, Kube-hunter, Agua Security, **Container & Kubernetes Security** Falco) **Secure Software Development** Python, C/C++, Django, Flask, FastAPI, Node.js **Regulatory Compliance** GDPR, HIPAA, PCI-DSS, NIST, ISO 27001 **Threat Hunting & Incident Response** MITRE ATT&CK, Threat Intelligence Platforms **Endpoint Security & Hardening** OS Hardening, EDR Solutions

Kali, Ubuntu, Windows



OS

CAREER TIMELINE















Independent Consultant

2023-2025



Dec'23-Till Date: Consultant Independent Consultant for Startup's

Key contributions and achievements

- Application & Infrastructure Security | Threat Modeling | Data Privacy | NIST, ISO 27001, OWASP | Security Governance
- Web, API, Network, Cloud Security Assessments | Secure Code Reviews | Red Teaming | Vulnerability Exploitation
- Incident Response | Security Operations | SIEM & XDR | Threat Intelligence | SOC & Blue Teaming
 - Secure SDLC | SAST, DAST, IAST, SCA | CI/CD Security | IaC & CaC Security | Kubernetes & Container Security
- AWS, Azure | Zero Trust | IAM & Privileged Access Management (PAM) | Cloud-Native Security Controls
- Security Policies & Standards | Compliance (NIST, ISO, GDPR, HIPAA, PCI-DSS) | Audit & Risk Assessments
- Security Product Development | IT Budgeting | Cloud & Infrastructure Hardening | Secure by Design Principles

- Security Program Management | Coaching & Mentoring | Cross-functional Collaboration | Agile & DevSecOps Culture
- Red Teaming | Cobalt Strike | Anti Virus Evasion | Reporting | Active Directory

Nov'19-Dec'23: Associate Director Evalueserve Pvt. Ltd., Bangalore, Karnataka

EVALUESERVE

Key contributions and achievements

- Managed annual budgets of \$1.5-2M for cross-functional teams (security, development, operations), optimizing resource allocation for tools, training, and infrastructure.
- Led security program delivery for global clients, mentoring teams and managing stakeholder communications for SOC, VAPT, and GRC projects.
- Partner with the Cybersecurity by Design Team, product development, and other key stakeholders to ensure secure design principles are embedded throughout the entire software development lifecycle.
- Manage all the Digital Certificates and SSL Certificates responsible for the Web Applications
- Responsible for Network Security for all the infrastructure and Web Hosting's.
- Work closely with development teams to integrate cryptographic functionalities into applications, ensuring secure data transmission and storage.
- Work with Product Management Teams to create roadmaps for new / existing platforms & shipped about 10 products.
- Establishing standards of performance and monitoring adherence for staff (through performance review) and partners (through service level
- Increasing code reuse, optimizing processes, and nurturing technological innovation
- Architect, Manage & own the overall development of various digital platforms in the data analytics space. Ensuring:
- Security Architecture and tech stack for these platforms are state-of-the-art and long-term.
- Adoption of efficient agile processes and nurture open, empowered teams
- Security and compliance with all legal and contractual obligations
- Health of live applications jointly with the Production Management Team
- Designing & enforcing software development standards including coding conventions, documentation standards)
- Participating in pre-sales activity by contributing to solution building and pricing
- Interacting with client technology stakeholders to finalize tech stack and deployment architecture.
- Identifying risks along with mitigations and communicating these effectively to stakeholders
- Spearhead cross-functional team members across reporting lines / disciplines like Application Security Team, data engineering, data science, UI/UX, DevOps, DevSecOps
- Supervising recruitment, training, retention, and organization of all development staff in accordance with the company hiring process, personnel policies, and budget requirements.
- Responsible for Infra & resource budgeting for the product portfolio

Key Products Shipped: Usecashub, Trailer Forecasting, Market Spend Optimization

Jun'17-Oct'19: Sr. Principal Architect IIOT, Cloud Services Microland Ltd., Bangalore, Karnataka

MICR@LAND® Making digital happen

Key Contributions and Accomplishments

- Collaborated with sales teams to close enterprise deals (a \$3M SOC/NOC contract), leading technical discussions, drafting proposals, and aligning solutions with client compliance needs. Customers Entigres and Uptake.
- Domain specialization in design, development, testing & implementation:
 - Architecting & Developing Industrial IoT Application based on GE-Predix/AWS/Azure Platform
 - PaaS: Predix
 - Communication Protocols: HTTP, MQTT, AMQP
 - Industrial Protocols: EtherNET/IP, Modbus RTU/TCP
 - EdgeX Foundary
 - End to End IIOT implementation from Edge to Cloud
 - **AWS & Azure services**
 - AWS IoT, AWS Greengrass, Azure IoT Hub
 - Open Source Cloud Technologies.
 - IaaS: Open Stack
 - PaaS: Cloud Foundry, Huawei PaaS platform.
 - Virtualization: Linux containers, cgroups, chroot
 - Hypervisors: QEMU, KVM
 - Container & Orchestration technologies: Docker, Kubernetes, Mesos & DCOS
 - DevOps: CI/CD using Jenkins, GIT.
- Spearheaded multiple functions such as:
- Architecting and finding solution to customer problem statement
- Mentoring, training & guiding team regarding micro-services architecture, versioning management, IoT platforms upgrades and end-to-end IIoT applications implementation.
- Identifying tools & technologies for development & testing activities
- **Budgeting & Operations management**
- Product development (Industrial Equipment Optimization)
- Steering the Design and development of web application using Java with Spring Boot framework
- Development and industrialization of IoT Solutions
- Coordinated with internal/external customers & provided them with use case analysis, engineering & design of technical solutions, technical presentations and consultation.

- Building Analytical Applications using Machine Learning (ML), Deep Learning(DL) techniques
- Acted as technical liaison between customers, service engineering teams and support.
- Mapped business process transformation opportunities & developed software tools to drive productivity.
- Strategized the Predictive Maintenance Analytics for Industrial Assets while leading IT-OT convergence strategy.
- Integrated IIoT of rental equipment for Mining industry
- Led the set-up of Product Operation Center for a leading Analytics and Industrial Asset Performance company.
- Rendered business solutions as Consultant for IoT Platform such as Predix, Thingworx, AWS & Azure
- Setup Industrial IoT Center of Excellence unit.
- Setup of Security Operations Center(SOC) and Network Operations Center(NOC)

Mar'16-Jun'17: Technical Manager Innominds Software Ltd., Bangalore, Karnataka

Innominds Powering the Digital Next

Key Contributions and Accomplishments

- Headed the team (ODC) for Huawei clients in Cloud Technology Platform as a Service (PaaS) domain (Fusion stage) and worked on executing projects on Openstack.
- Setup Datacenter with Open Stack for development needs.
- Managed the development of product features in Open-Source projects executed by Huawei.
- Worked on Cloud Federation using Mesos & Marathon
- Huawei Fusion Stage PaaS Product based Out of Cloud Foundry
- Kubernetes Performance Optimization
- DevOps using Jenkins, GitLab

Jan'14-Sep'15: Head of Product Development Diduce Technology Pvt. Ltd., Bangalore, Karnataka



Key Contributions and Accomplishments

- Contributed in the setting up of Software Development Centre at Bengaluru
- Drove the complete automation of development and testing processes and implementation of Agile methodologies.
 - Managed the following:
- Feature requirements, product backlog & product roadmap
- Source control, supervised code reviews and facilitated brainstorming and product ideas.
- Outlined release and built deliveries.
- Supervised the teams for desktop application, website design, android & browser plugin development.

Jan'11-Jan'14: Project Manager

Aditi Technologies (Now Harman), Bangalore, Karnataka

Key Contributions and Accomplishments

- Involved in the project "Diduce" and developed outlook plugin, suggested many techniques to improve the performance of the searching algorithm, which secured extra business.
- Executed projects in the range of 3.5 to 4 million USD.
- Led a team to develop a complex iOS application within 6 weeks.
- Received many awards for fastest growing team/account & customer centricity.

Jul 04-May'05 - Jan'11: Technical Lead & R&D Engineer Global Edge & Hewlett Packard ISO (IPG R&D Hub), Bangalore, Karnataka



Growth Path: Software/Firmware Engineer → Technical Lead & R&D Engineer

- Part of the R&D team to develop touch screen-based appliance printers.
- Part of the team that developed large scale Embedded systems for Printers for RPI (Released Product Introduction) products.
- Received many awards and recognition for outstanding performance and contribution.



Apr'04-Jul'04: Sr. Software Engineer

LG Soft India Pvt. Ltd., Bangalore, Karnataka



Jun'03-Apr'04: Software Engineer

Elsoft Technologies Pvt. Ltd., Bangalore, Karnataka





Leadership and Delegation	Team Building & Interpersonal Skills	Analytical Problem Solving
Visionary and Decision Making	High Business Ethics & Trustworthy	Negotiation & Conflict Management

PERSONAL DETAILS

Address 17/1, 2nd Cross, Behind Madina Masjid, Mangammanpalya CR Road, Bommanahalli, Bangalore-560068,

Karnataka

Visa Status US B1/B2 Valid till 07-Sep-2027

NationalityIndianPassport DetailsH8895805Marital StatusMarried