

# AVADHESH MISHRA

Senior Principal Specialist Delivery – Enterprise & Consulting | Cloud Security Architecture

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## PROFILE

Technology executive with 20+ years of experience leading enterprise engineering, cloud, security, and digital transformation across Tier-1 banking, global consulting, and UK public sector programs. Proven senior technology leader combining strategic vision with hands-on execution, mentoring leaders, building MVPs, defining runbooks, and scaling secure, resilient platforms in highly regulated environments.

## DELIVERY, ENABLEMENT & EXECUTION

- Mentored and coached developers, graduate interns, platform engineers, and security analysts, enabling transition from project delivery to platform and product builder mindsets.
- Designed and delivered structured training and enablement programs across cloud-native platforms, DevSecOps, Zero Trust, IAM, and secure AI adoption.
- Authored and governed enterprise runbooks, operational playbooks, and reference architectures covering cloud operations, incident response, resiliency, and audit readiness.
- Led end-to-end planning, design, and hands-on execution of MVPs and pilot platforms, validating architecture, security, and operating models prior to enterprise-scale rollout.
- Maintained hands-on technical leadership during critical phases including architecture definition, CI/CD and IaC implementation, security reviews, production go-lives, and incident response.

## LEADERSHIP EXPERIENCE

- Led enterprise security architecture, platform strategy, and risk governance for line-of-business applications in highly regulated environments, reporting directly to CTOs and influencing enterprise technology direction.
- Mentored application teams and security champions, embedding CISSP-aligned controls (IAM, PAM, threat modelling, defence-in-depth) across SDLC, CI/CD pipelines, and production environments.
- Planned and led threat modelling, security posture reviews, and risk assessments supported by documented runbooks and secure-by-design reference patterns.

- Owned DevSecOps implementation and enablement, integrating vulnerability management, security scanning, policy-as-code, and quality gates into CI/CD pipelines.
- Defined and operationalised runbooks for vulnerability management, penetration testing, incident response, and resiliency testing, achieving measurable reduction in high-risk findings.
- Governed change, availability, and resiliency management, representing platforms in CAB and SRE forums to ensure stable, secure, and compliant operations.
- Led platform transformation, acquisitions, and onboarding initiatives, validating MVPs, production hardening, and operational readiness prior to scale.

## EXECUTIVE CAREER TIMELINE

- Mastek UK (FTE) | 2021 – Present – Senior Principal Specialist Delivery
- JPMorgan Chase UK (FTE) | 2012 – 2019 – Lead DevSecOps / Security & Platform Architect
- Cognizant India & UK (FTE) | 2006 – 2012 – Technology Lead / Architect

## PROFESSIONAL EXPERIENCE

### **Senior Principal Specialist Delivery – Enterprise & Consulting | Mastek UK (2021 – Present)**

- Provide CTO-level technology delivery leadership for national-scale UK public sector identity, security, and cloud transformation programmes.
- Mentor and coach developers, graduate interns, platform engineers, and delivery leads, establishing platform-builder mindsets, delivery maturity, and secure cloud standards.
- Design and deliver hands-on training and enablement workshops for cloud-native engineering, CI/CD security, Zero Trust, IAM, and platform governance.
- Define cloud, DevSecOps, and Zero Trust reference architectures supported by operational runbooks and governance models.
- Lead planning and hands-on delivery of MVPs and pilot platforms, validating architecture, security, and operating models before enterprise rollout.
- Maintain hands-on involvement in infrastructure-as-code, CI/CD pipelines, cloud security controls, and architectural reviews during critical delivery phases.
- Act as senior advisor to client executives, translating technology strategy into delivery roadmaps, risk posture, and measurable outcomes.

### **Lead DevSecOps / Security & Platform Architect | JPMorgan Chase UK (2012 – 2019)**

- Led DevSecOps enablement, cloud adoption, and platform modernisation initiatives in a highly regulated Tier-1 banking environment.
- Designed IAM, PAM, and Zero Trust architectures aligned to enterprise risk requirements and regulatory audit expectations.
- Mentored application security champions, platform engineers, and DevSecOps teams across multiple lines of business.
- Planned, designed, and delivered MVPs and proofs-of-concept for cloud adoption, DevSecOps tooling, and secure platform services, later scaled enterprise-wide.

- Authored enterprise runbooks and operational playbooks for incident response, vulnerability management, IAM/PAM operations, and resiliency testing.
- Provided hands-on technical leadership during audits, high-risk changes, production incidents, and regulatory reviews.

#### **Technology Lead / Architect | Cognizant India & UK (2006 – 2012)**

- Delivered multi-market banking transformation programmes for global investment banking clients.
- Led application modernisation, enterprise reporting, and reconciliation platforms.
- Scaled offshore engineering teams and standardised SDLC, release management, and quality practices.
- Improved delivery throughput, transparency, and operational stability through automation and governance discipline.

### **Projects & Major Engagements**

-  **Ministry of Defence (UK) — Enterprise Identity & Access Management Digital Transformation and Cloud Migration**
  - **Role:** Principal Delivery Consultant / DevSecOps Lead  
Led a national-scale Identity & Access Management (IDAM) modernisation programme for the UK Ministry of Defence, delivering centrally governed digital identities for military personnel, civilians, and contractors. Designed DevSecOps pipelines, self-service delivery models, and secure operating runbooks to improve deployment velocity, audit readiness, and platform resilience in a highly regulated defence environment.
  - **Focus Areas:** Identity & Access Management · DevSecOps · Secure CI/CD · Governance & Compliance · Public Sector · AWS · AZURE ·

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-  **UK Home Office / Leidos — National Biometrics Cloud Migration**
  - **Role:** Cloud & DevSecOps Architect  
Supported the migration and convergence of the UK's critical biometric systems (IDENT1 & IABS) from legacy mainframe infrastructure to AWS. Led DB2-to-PostgreSQL migration, AWS control plane setup, secure hybrid networking, and CI/CD automation, enabling a scalable, resilient, and compliant cloud platform for law enforcement and immigration services.
  - **Focus Areas:** AWS Cloud Migration · DevSecOps · Secure Networking · Data Migration · National-Critical Systems

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-  **JPMorgan Chase UK — Custody & Asset Servicing Platform Transformation**
  - **Role:** Lead DevSecOps / Security & Platform Architect  
Led multi-year DevSecOps and platform modernisation initiatives for custody, settlement, and asset servicing platforms operating across global markets. Delivered CI/CD automation, containerised microservices, infrastructure-as-code, self-healing

capabilities, and BAU runbooks, improving release velocity, system resilience, and regulatory compliance in a Tier-1 banking environment.

- **Focus Areas:** DevSecOps · Platform Engineering · Containers & Kubernetes · Resilience & SRE · Regulated Banking · AWS · Private Cloud

## CERTIFICATIONS & PROFESSIONAL AFFILIATIONS

- CISSP – Certified Information Systems Security Professional (ISC<sup>2</sup>)
- CISM – Certified Information Security Manager (ISACA)
- CCSP – Certified Cloud Security Professional
- PMP – Project Management Professional (PMI)
- AWS DevOps Engineer – Professional
- Microsoft Azure Fundamentals

## EDUCATION

- Bachelor of Technology (B.Tech.) – Computer Science & Engineering
- Post Graduate Certificate in Business Management
- Post Graduate Program in Artificial Intelligence & Machine Learning