

Neeraj Sharma

Senior Cloud & DevSecOps Engineer | Site Reliability Engineer (SRE)

Cloud Security · Observability · AI-Ops · MLOps · Cybersecurity

Location: Milpitas, CA

Work Authorization: US Citizen

Email:

LinkedIn: <https://www.linkedin.com/in/>

GitHub: <https://github.com/hardly-soft/neeraj-sharma>

PROFESSIONAL SUMMARY

Senior Cloud, DevSecOps, and Site Reliability Engineer with 20+ years of experience designing, securing, and operating enterprise-scale distributed systems.

Digital Badges + Certifications

CORE SKILLS

Cloud Platforms: IBM Cloud, Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI)

Containers, MLOps & SRE: Kubernetes, Kubeflow, Helm, Model Training Pipelines, Model Serving, Incident Response, On-Call Operations, Reliability Engineering

Security: SIEM (Exabeam, QRadar), SOAR, IAM, Zero Trust, Threat Modeling, Vulnerability Management

Observability & AI-Ops: Instana, Prometheus, Grafana, OpenTelemetry, Log Analytics, Root Cause Analysis, AI-Ops

Programming & Automation: Python, Bash, Go

PROFESSIONAL DEVELOPMENT

University of Texas at Austin — McCombs School of Business

Applied AI & Data Science for Systems and Platform Decisioning

- **Completed:** Post Graduate Certification in Data Science & AI for Business Applications (PGDSBA)
- **In Progress:** AI with Deep Learning (AIDL)
- **Planned:** Generative AI for Business Applications (ETA: April 2026)

This upskilling was undertaken following a role transition to deepen modern, AI-informed system design and operational decisioning across cloud, security, and IoT environments.

WORK EXPERIENCE

IBM — Senior Backend Engineer

Apr 2021 – Apr 2025

- Owned scalable backend services for cloud-native platforms supporting telemetry-driven monitoring and automated remediation.
 - Improved system quality through CI/CD, observability pipelines, and feedback loops informed by runtime data.
 - Built and maintained **200+ Python/Ansible automation tests**, accelerating releases and measurably improving platform reliability.
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Exabeam — Senior Software Quality Engineer

Aug 2019 – Mar 2021

- Led quality engineering for security analytics platforms processing high-volume event and behavioral data.
 - Developed automation frameworks validating data pipelines, scoring logic, and detection workflows at scale.
 - Strengthened release confidence for data-driven threat detection systems.
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Oracle — Principal Software Engineer

May 2018 – Jul 2019

- Directed architecture and deployment of **multi-tenant leaf-spine networks** across 20+ global data centers.
 - Delivered Python and Java microservices supporting policy-driven orchestration and automated provisioning.
 - Enabled faster regional expansion through scalable, software-defined infrastructure design.
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Light — Senior Software QA Engineer

Jun 2017 – Apr 2018

- Built automated test frameworks for embedded camera firmware and Android-based imaging platforms.
 - Executed system integration testing across hardware, firmware, and mobile software using data-backed validation.
 - Improved performance and stability using Android, ADB, and Python-based automation.
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Silver Spring Networks — Senior SDET

Nov 2012 – May 2017

- Validated large-scale IoT platforms supporting **Smart Grid deployments** across millions of field devices.
 - Built CI-driven automation for firmware, APIs, and cloud services using telemetry and anomaly analysis.
 - Supported production rollout of **23M+ smart devices** with high availability and data integrity requirements.
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Redwood Systems — Senior SDET

Jan 2011 – Oct 2012

- Led system integration and automation for sensor-driven smart lighting platforms used in green building environments.
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CDNetworks — Senior QA Manager

Aug 2009 – Dec 2010

- Owned global QA strategy for distributed CDN infrastructure, validating performance, reliability, and data flow at scale.
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Vusion — Senior QA Manager

Apr 2007 – Jul 2009

- Led QA delivery for cloud-hosted HD video streaming platforms serving enterprise media customers.
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HP — Senior Software Engineer

Aug 2006 – Mar 2007

- Validated enterprise ALM platforms supporting standards-compliant database migration and archival workflows.
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Motorola PCS — Senior Software Engineer

May 2003 – Jul 2006

- Delivered end-to-end testing and automation for J2ME/Linux mobile platforms using Six Sigma quality practices.
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Brocade Communications Systems — Senior QA Lead

Apr 2002 – Apr 2003

- Led functional and performance testing for SAN and enterprise networking platforms.
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Xoriant — Senior Technical Consultant

Jun 1998 – Mar 2002

- Delivered software development, quality assurance, and optical networking (DWDM) solutions for enterprise clients.
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DSS Infotech Pvt. Ltd. — Senior IT Analyst

Feb 1995 – May 1998

- Designed and delivered enterprise database architectures for industrial clients.
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CERTIFICATIONS

- Credly Badges: https://www.credly.com/users/neeraj_sharma
 - Linux Foundation
 - LFS147x: Introduction to AI/ML Toolkits with Kubeflow
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Notes

- LinkedIn highlights recent roles to emphasize **current relevance and senior scope**.
- This document preserves **full career continuity** and historical depth.
- GitHub is used as the authoritative reference for complete professional history.