

Aman Jain

New Delhi, Delhi, India | +91 9717078049 | jain.aman1497@gmail.com | [linkedin.com/in/jn-aman](https://www.linkedin.com/in/jn-aman) | github.com/jn-aman | aman.wiki

SUMMARY

Staff Software Engineer with 6+ years designing scalable distributed systems, multi-tenant SaaS platforms, and cloud infrastructure on AWS and GCP. Builds internal developer platforms, event-driven microservices, and LLM-powered AI agent workflows; leads cross-team initiatives and mentors engineers. Holds 8 AWS certifications and the Claude Certified Architect - Professional credential.

SKILLS

Languages & Frameworks: JavaScript, TypeScript, Python, Java, Go, Node.js, React, gRPC, GraphQL
Architecture: Distributed Systems, Microservices, Multi-Tenancy, Event-Driven Architecture, Platform Engineering
Cloud & DevOps: AWS, GCP, Kubernetes, ECS, Docker, Terraform, Terragrunt, Helm, Argo CD, GitHub Actions, Jenkins, GitLab CI/CD
Data & Messaging: PostgreSQL, MySQL, DynamoDB, MongoDB, Redis, Kafka, RabbitMQ, Kinesis, Neo4j, ClickHouse
Observability: Datadog, Prometheus, Grafana
AI: LLM Agents, Tool Orchestration, Agentic Workflows, Model Context Protocol (MCP), Retrieval-Augmented Generation (RAG)
Leadership: Technical Leadership, Architecture Reviews, RFCs, Mentoring, Cross-Team Alignment

EXPERIENCE

Staff Software Engineer <i>Varonis Inc., New Delhi, Delhi, India</i>	Nov 2025 - Present
- Designed a self-upgrade system for 1,200+ customer-deployed collectors with versioned releases, canary rollouts, and automatic rollback, cutting upgrade time from 3 weeks to 6 hours with zero configuration-loss incidents and 85% fewer support tickets. - Built Onyx, a secure access broker that provides time-boxed, read-only access to customer clusters with no inbound ports or IP allow lists; served 10,000+ audited sessions with connections in under 40 seconds, SOC 2 compliant. - Architected and led Orion, a unified developer control plane for environment orchestration, sync operations, observability, upgrades, and diagnostics; adopted by 500+ engineers across 80 teams, cutting incident diagnosis from 45 minutes to under 5 minutes. - Architected an agentic AI pipeline that automates third-party connector development with LLM-driven code generation, tool orchestration, automated validation, and self-correction, reducing delivery time from ~3 months to ~10 days (9x faster). - Drove architecture reviews and RFCs for Onyx, Orion, and the self-upgrade system, aligning 3+ teams on platform standards; mentored 20 engineers.	
Staff Software Engineer <i>SentinelOne Inc., New Delhi, Delhi, India</i>	Jun 2024 - Oct 2025
- Redesigned Marketplace Apps, replacing a failure-prone execution layer and parallelizing data fetches, driving a 30% increase in user engagement. - Built an AWS Kinesis data pipeline that ingests ~800M records into the data lake, cutting ingestion time from ~10 hours to ~20 minutes. - Made the Marketplace product multi-cloud by abstracting AWS-specific dependencies, deploying it on GCP for 300+ customers. - Led a team of 20 engineers through the Marketplace redesign, partnering with product and security teams on rollout.	
Software Engineer <i>Borneo (Acquired by Atlassian), New Delhi, Delhi, India</i>	May 2024 - Jun 2024
Built an LLM-powered GDPR tool with Okta and an in-house LLM, cutting onboarding and Record of Processing Activities generation time by 60%.	
Software Development Engineer III <i>Safe Security, New Delhi, Delhi, India</i>	Aug 2023 - Apr 2024
- Delivered an event-driven, multi-tenant SaaS architecture in 2 months, replacing a single-tenant platform and cutting cost-to-serve by 90%+. - Built an identity service for authentication, authorization, and tenancy, cutting 99th-percentile latency by 80% and decoupling it from apps. - Increased tenant capacity per region 35x using Amazon RDS Proxy and optimized RDS auto-scaling. - Led the multi-tenancy migration across 2 teams and interviewed 50+ candidates for backend engineering roles. - Built a central API gateway on AWS API Gateway and Cognito, unifying auth, rate limiting, and routing for 100+ services and 1,000+ tenants. - Led a zero-downtime migration from Amazon MQ to self-managed RabbitMQ, cutting message-broker costs by 90% (article). - Centralized Datadog traces and logs for Amazon ECS via AWS Cloud Map and Kinesis Firehose, dropping sidecars and cutting monitoring costs by 35%.	
Software Development Engineer II <i>Safe Security, New Delhi, Delhi, India</i>	Jul 2021 - Jul 2023
- Scaled the SAFE risk assessment platform to 200,000 more resources and endpoints, cutting assessment time by 50% and downtime by 80%. - Built a runtime log-level change mechanism that cut troubleshooting time by over 60% (article). - Migrated the data plane from Amazon EC2 to managed AWS services (RDS Aurora, Amazon MQ, ElastiCache), sustaining 99.9% uptime.	
Software Engineer I (Technical Trainee, Feb - Jul 2020) <i>Safe Security, New Delhi, Delhi, India</i>	Feb 2020 - Jun 2021
- Built one-click bulk onboarding for 1,000+ third-party assets with automated vulnerability scanning and a resource-labeling tool. - Added NIST Framework assessments and dashboards to SAFE for third-party risk evaluation across NIST domains, adopted by ~140 customers. - Integrated 2 security platforms with SAFE: Microsoft Azure Security Center (RabbitMQ publish-subscribe microservice) and the IBM QRadar SIEM.	

CERTIFICATIONS

Claude Certified Architect - Professional (Oct 2026)	Claude Certified Architect - Foundations (Oct 2026)
AWS Certified DevOps Engineer - Professional (Mar 2026)	AWS Certified Solutions Architect - Professional (Apr 2022)
AWS Certified Advanced Networking - Specialty (Dec 2021)	AWS Certified Database - Specialty (Sep 2021)
AWS Certified Security - Specialty (Jun 2021)	AWS Certified SysOps Administrator - Associate (Jun 2024)
AWS Certified Developer - Associate (Sep 2022)	AWS Certified Solutions Architect - Associate (Mar 2021)

EDUCATION

B.Tech. in Computer Science and Engineering | Jaypee Institute of Information Technology, Noida, Uttar Pradesh, India | CGPA: 8.70/10 2016 - 2020

AWARDS

Star Performer - Trust SentinelOne	Nov 2024
Star Performer of the Year Safe Security	Apr 2023
Safe SuperStar (3 times) Safe Security	2022

PROJECTS

Open Source Contributions: Contribute fixes and improvements to open-source projects including Tailscale, Sequelize, and AWS CDK.
ByteBrief: Built an AI-powered tech news aggregation and summarization platform serving **~10K daily active users**.
is-my.app: Built and operate a developer subdomain platform serving **2,000+ registered subdomains**.
SafePath: Built a safety-aware routing engine using crime data from Twitter, news, and government sources, with K-Means clustering and route scoring.
Unsafe Bank: Built an OWASP vulnerable web app for practicing vulnerability assessment and penetration testing (VAPT).
dummy-data-generator: Published an npm package for generating random test data with **15,000+ downloads**.