



# AMIT R. RANA

Program Director · Solutions Delivery & SRE · Enterprise Architecture

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## PROFILE

Hands-on technology delivery leader with 18+ years across SRE, release management, enterprise architecture, and client-facing program delivery. Owns the delivery end to end; building deployment best practices, resolving production-critical incidents directly, and stepping into delivery on high-stakes client work. Trusted single point of contact for global enterprise clients including Google, Amazon, and Meta, with deep experience in cloud platforms, SRE operations, BI & analytics and large-scale data pipelines.

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## PROFESSIONAL EXPERIENCE

### Program Director | JLL (Jones Lang LaSalle) Jan 2022 – Present

Client: Google — IWMS IBM Tririga | Workplace Technology Management (Jan 2025 – Present)

- Direct a 120-member Tririga program (development, SRE, cloud automation, and database operations) while staying hands-on in SRE — personally diagnosing and resolving production-critical incidents.
- Resolve production infrastructure issues spanning firewall, SMTP relay, environment performance/slowness, and database maintenance; build observability and monitoring dashboards to surface degradations early.
- Built the platform's deployment and release best practices from the ground up — standardizing change management and reducing release risk on Google's internal CI/CD tools.
- Authored SOPs for weekly deployments, on-call rotation, and weekend pager support for critical P0/P1 incidents; built additional alerting in Python to surface issues earlier.
- Drove Oracle database optimizations through a dedicated DBA team and led the evaluation of a Db2 migration.
- Manage strategic initiatives including API modernization and platform migrations from inception through delivery.
- Act as the cross-team escalation point for technical, delivery, and leadership conflicts, keeping engineering and multi-vendor groups aligned.
- Step in personally as program/project lead on high-stakes client initiatives — pairing deep technical understanding with delivery ownership to ship critical work, and rebuilding client confidence in SRE operations.
- Partner with the client on budgeting and advise where to invest across teams, helping shape their ways of working for more reliable delivery.

Client: Meta — Asset Management System Migration (Oct 2024 – Jan 2025)

- Led a 3-month migration from one asset management system to another, assessing downstream impact on reporting dashboards and custom reports and coordinating cutover with minimal disruption.

Client: Amazon (GREF) — BI, Data & Enterprise Architecture (2022 – 2024)

- Architected Amazon's global Adaptive Building Insights program — a multi-million-dollar initiative to collect and centralize operational data from Amazon corporate buildings worldwide.
- Built a 15-person BI and technology team from scratch — BI developers, business analysts, and a project manager — and served as single point of contact for Amazon offices across 17 APAC countries.
- Owned the client relationship end-to-end: gathering requirements, translating needs into BI solutions, and delivering Tableau and Power BI dashboards and analytics.
- Maintained data pipelines from enterprise applications into the data lake, ensuring reliable reporting and analytics.
- Defined the enterprise architecture for Amazon's GREF business unit; ran a full inventory of tooling and led initiatives to reduce tech debt and consolidate tool usage.

### IoT Architect | MASO Group 2019 – 2021

- Designed and maintained smart manufacturing solutions capturing data from production machines through to a full cloud platform.
- Connected 160+ industrial machines to the cloud with edge analytics and a VPS.
- Owned technology architecture, data architecture, and ERP integration for manufacturing data pipelines.

## IoT Systems Engineer & Founder | Self-Employed 2009 – 2019

- Founded and ran an IoT solutions practice for a decade, owning every engagement end to end — business development, client requirements, hardware and PCB design, firmware, cloud integration, deployment, and ongoing support.
- Delivered 60+ embedded systems projects for industrial and commercial clients across manufacturing and real estate — from custom hardware through firmware to sensor-to-cloud connectivity and remote monitoring.
- Served as the sole technical owner and direct client contact on every project, earning repeat business and long-term relationships through reliable delivery.

## Programmer Analyst Trainee | Cognizant Technology Solutions 2008 – 2009

- Java developer within a new technology vertical.

## CORE COMPETENCIES

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- Solutions Delivery & Release Management
- SRE Operations & Incident Management
- Deployment Best Practices & Change Mgmt
- Production Support & Observability
- Enterprise & Solution Architecture
- Program & Stakeholder Management
- Team Building & Technical Leadership
- SMTP, Firewall & Network Operations
- BI & Analytics (Tableau, Power BI)
- Cloud Platforms (GCP, AWS, Azure)
- CI/CD (Google internal tools)
- Databases via DBA teams (Oracle; Db2 evaluation)
- Data Pipelines & Data Lake Integration
- Cross-team & Leadership Conflict Resolution
- IoT & Embedded Systems (RPi, ESP32, STM32)
- Python, Machine Learning

## EDUCATION

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Master of Engineering – Electronics | Government Engineering College, Aurangabad 2017

Bachelor of Engineering – Electronics & Telecommunications | JNEC, Aurangabad 2008

## ADDITIONAL INFORMATION

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<b>Languages</b>	English (Fluent) · Hindi (Fluent) · Marathi (Native)
<b>Technical Education</b>	Author of embedded systems & IoT courses reaching 40,000+ learners across 160+ countries — demonstrating deep domain expertise and the ability to explain complex technical systems clearly.
<b>Interests</b>	Technical writing & blogging · Electronic project making · Music · Cooking