

CONTACT

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WHERE I HAVE WORKED

Canada 2019 to present
Halifax, NS

United States 2008 to 2015
Providence, RI

India 2005 to 2008, 2015 to 2019
Noida

CERTIFIED



SKILLS

Cloud

GCP, Azure, OCI, AWS; landing zones, hub-spoke networks, IAM, policy, tagging

AI

Claude, Claude Code, agent skills, MCP, multi-agent orchestration (Paperclip), Azure AI services, OCI Generative AI

Network and security

Palo Alto, Equinix Fabric, ExpressRoute, FastConnect, DNS, Zero Trust, PAM

IaC and DevSecOps

Terraform, ARM/Bicep, Azure DevOps, Jenkins, GitHub, SonarQube

Containers

AKS, GKE, EKS, OKE, OpenShift, Docker

FinOps and ops

CUDs, Savings Plans, chargeback, CloudHealth, Cloudability,

Raunaq Singh

Enterprise Cloud and AI Architect | GCP | Azure | OCI | AWS

Cloud and AI architect with 20+ years in IT across Canada, the US and India. I have led public cloud work since 2017 for telecom and healthcare clients. I set the North Star and target-state architecture and own it end to end: strategy, landing zones, governance, FinOps, DR and Day-2 operations. Hands-on in GCP, Azure and OCI, with AWS certification. I also build and run my own AI agents and tools, with a person reviewing the output.

CORE STRENGTHS

- North Star and target-state architecture
- Cloud strategy and migration (CAF, 7R)
- AI use-case assessment and design
- Landing zones, networking and security
- Governance, Cloud CoE, review boards
- FinOps and cloud cost reduction
- Multi-region DR design
- Operating model, hiring and training

EXPERIENCE

CGI — May 2021 - Present

Solutions Architect / Cloud Consultant

Client: A Large Canadian Telecom Provider

Halifax, Canada

- Cloud and EA advisor across Azure, AWS and GCP. Helped set the cloud direction, Cloud Adoption Framework, cloud maturity model and FinOps process.
- Stood up the Cloud Centre of Excellence and multi-cloud governance for IAM, cost, policy and tagging. Assessed CloudHealth, Cloudability and Morpheus.
- Led migration strategy: discovery and wave planning for applications, infrastructure and databases using the 7R method, plus Oracle database roadmaps to Azure, AWS and GCP.
- Advise on cutting cloud spend: committed use discounts on GCP and AWS, separate baselines for production and non-production, and OPEX to CAPEX options.
- Defined the Day-2 operating model: RACI, monitoring, backup, ITSM integration and CMDB.
- Reduced routable private IP use for an Azure IoT platform and produced a bare-metal capacity management assessment.
- Trained client teams on landing zones, Terraform and database migration, and helped hire and grow the cloud practice.

NTT DATA — Jul 2005 - May 2021

Solutions Architect / Cloud Consultant — Sep 2017 - May 2021

Client: A Large US-Based Health Insurance Payor

Halifax, Canada (2019 to 2021) and Noida, India (2017 to 2019)

- Lead consultant for Azure and OCI cloud strategy. Designed the target architecture and built both landing zones from scratch with Terraform and ARM templates (hub-and-spoke).
- Built shared Azure hub services: App Gateway/WAF, ExpressRoute with VPN failover, APIM, Service Bus, Azure Firewall, Bastion and monitoring.
- OCI: set up FastConnect with VPN failover and VCN peering, and designed security with OCI IAM, policies, compartments, security lists, NSGs, Key Management and Vault.
- OCI: supported architecture decisions and release pipelines, ran proofs of concept for Oracle Kubernetes Engine (OKE) and for backups and alerts with Oracle Management Cloud, and set up OCI monitoring and logging.

ServiceNow

Development

Java/J2EE, Oracle SOA, REST/SOAP, PL/SQL, IBM MQ

Methods

CAF, Well-Architected, 7R, Agile/Scrum, ITIL

CERTIFICATIONS

Microsoft

Azure Solutions Architect Expert (2020, active to 2027) Verify

Azure AI Engineer Associate (2021, active to 2027) Verify

Azure Administrator Associate (2020) Verify

Microsoft Certified Trainer (2022 to 2023, now MCT Alumni) Verify

Fundamentals: AZ-900, AI-900, DP-900, SC-900 (no expiry) Verify

Google Cloud

Google Cloud Certified: Associate Data Practitioner (2024, active to 2027) Verify

Google Cloud Certified: Cloud Digital Leader (Apr 2022) Verify

AWS

Solutions Architect Associate (2021) Verify

Technical Professional (2020)

Oracle

OCI 2024 Generative AI Professional (2024)

OCI Architect Associate (2020) Verify

OCI Foundations Associate (2023)

Other

HashiCorp Terraform Associate (2022) Verify

Aviatrix Certified Engineer (2021) Verify

Tigera Calico Operator (2022)

Txture Cloud Transformation Associate (2023)

Palo Alto Networks PCCSA (2020)

Certified ScrumMaster (CSM) (2015)

Sun Certified Java Programmer (2005)

EDUCATION

B.E. Instrumentation and Control, NSIT, University of Delhi (2001 to 2005), First Division

- Set up FinOps across both clouds with Azure Cost Management and OCI cost tracking: budgets, alerts and tag-based cost reports per business unit.
- Led 15 cloud, DevOps and release engineers. Ran the Cloud Architecture Review Board and the Cloud and DevSecOps Governance Board.
- Built a ChatOps assistant (Bot Framework, LUIS, QnA Maker, Cognitive Services) linked to ServiceNow for FAQs, password resets and ticket status.
- Architected a cloud-native digital insurance card service on Azure for Apple Wallet and Google Pay.
- Built Azure DevOps CI/CD with SonarQube and Nexus IQ, and an on-prem multi-tenant OpenShift platform. Ran container proofs of concept on AKS, OKE and OpenShift.
- Contributed cloud solutions to RFP responses for several prospective clients.

Technical Delivery Manager — **Jun 2015 - Sep 2017**

Client: A Large US-Based Health Insurance Payor

Noida, India

- Led a team of 20 developers and owned delivery dates and quality against NTT standards.
- Ran triage calls with the client and put the right people on high-severity issues.
- Planned the team mix with onshore leads, and handled appraisals and performance.
- Worked with technical architects on solution and design decisions.

Development Lead — **Nov 2006 - Jun 2015**

Client: A Large US-Based Health Insurance Payor

Providence, RI, USA (2008 to 2015) and Noida, India (2006 to 2008)

- On site in the US from 2008 to 2015: gathered requirements with the client, wrote SRS and BRD documents, and estimated work.
- Designed and reviewed web services and real-time integrations (Java/J2EE, Oracle SOA, JCAPS, ESB, IBM MQ), including third-party vendor designs.
- Production support lead for 40 web services: on-call rosters, high-severity response and weekly status to the client.
- Supported performance testing and proposed design changes; led platform upgrades (WebSphere, IBM MQ, Oracle) and mentored new developers.
- Domain: US healthcare claims and EDI (270/271, 276/277, 834, 837), eligibility, benefits and provider data.

Developer — **Jul 2005 - Nov 2006**

Client: A US Fitness Chain; A US Behavioural Assessment Platform

Noida, India

- Built the core assessment module of a behavioural testing website (Struts, Hibernate) and maintained an Oracle-based e-commerce site.

AFTER-HOURS AI PROJECTS

- **Maple Syrup Money (maplesyrupmoney.com):** Finance education brand for families new to Canada. Run by a self-hosted agent fleet built with Claude, Claude Code, agent skills and MCP connectors. Human in the loop: I write or review every post.
- **RFP / SOW Assessor:** Splits an RFP or SOW into use cases and assesses each for dependencies, effort, platform and approach. Outputs an Excel tracker. I review every result.
- **Also built:** Paperclip multi-agent platform, real estate underwriting skills, and bookkeeping automation.

OTHER RELEVANT INFORMATION

- Founder of Zyromegha Solutions Inc., a Canadian IT consulting company: zyromegha.com
- Canadian citizen. Seven years on site in the United States (2008 to 2015).