

# Preetam Mahapatra

Technology Consultant | Cloud Architect |  
Google Cloud SME

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## SUMMARY

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Experienced Cloud and Infrastructure Architect with over 9+ years of IT experience, specialising in managing multi-tenant cloud environments and delivering end-to-end solutions across diverse cloud platforms, including Google Cloud and AWS. Proven expertise in cloud-managed services, data pipelines, data governance, GenAI, disaster recovery (DR), backup planning, and patch management, with a strong emphasis on building infrastructure using Infrastructure as Code (IaC) and managing migrations. Skilled in architecting solutions across retail, cross-industry, and startup domains, adhering to best practices while keeping FinOps and DevOps principles in mind. Demonstrated expertise in FinOps for cost showback, chargeback, and cost optimisation. Experienced in leading infrastructure build teams, supporting multiple bidding processes, and creating reusable architecture best practices materials. Experienced in working with cross-functional teams, influencing stakeholders, and driving innovation in Client's Greenfield Enterprise accounts. Passionate about driving innovation and efficiency in client-facing roles, providing technology consulting, solving client challenges, and delivering tailored solutions.

## SKILLS

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- Cloud Technologies : Google Cloud, AWS, Azure
- FinOps : FinOps Establishment, FinOps Governance
- Devops Tools : Git, Terraform, Cloud Build, Ansible, Jenkin, Google Kubernetes, Code repository, Artifact registry, Shell Script.
- Tools : AWX Ansible Tower, Datadog, Trendmicro, Tenable, Okta, Cloud monitoring tools Stackdriver.
- Analytical, Communication, Problem Solving skills
- Leading team, handling clients and good at project management fulfilling client deliverables. Client proposal and bid support
- BI Tool: Tableau, Looker, Looker Studio
- Cloud Migration, Cloud Architecture support, Greenfield projects support
- Software Development skills : Android application development, Web Application, Google Maps Integration, Payment gateway & SMS integration

## CERTIFICATIONS & TRAINING

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- Google cloud Professional **Cloud Architect** Certified
- Google Cloud Associate **Data Practitioner** Certified
- Google cloud Associate cloud Engineer Certified
- Google cloud **Generative AI** Fundamentals
- AWS Certified **Solution Architect Associate**
- **FinOps Certified Practitioner**
- **FinOps Certified FOCUS Analyst**
- IBM Apptio Cloudability & Turbonomic
- Azure AZ-900 Certified

## WORK EXPERIENCE

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**Senior Manager** | Google Cloud Architect | Google Cloud SME | FinOps Specialist  
*Deloitte MCS Limited, London, United Kingdom (July 2023 – Present)*

- Working with **Technology and Transformation's Cloud-First Modernisation team** to enhance clients' cloud journeys by providing tailored architecture solutions that align with their business needs. Actively supporting the bid process in a client-facing role, ensuring successful project proposals. Specialising in establishing and implementing **FinOps strategies** for retail and consumer clients, focusing on optimising cloud costs. Serving as a **Google Cloud SME / Cloud Architect**, driving best practices in cloud infrastructure, cost optimisation, and overall cloud strategy to deliver scalable, secure, and cost-effective solutions.
- Led a FinOps Establishment and cost optimisation initiative for a major retail client in the UK, resulting in a **20% reduction in overall cloud costs** by revising the architecture and implementing best practices for resource allocation and utilisation. Increased cloud cost visibility across GCP/AWS/OCI by 85%.
- Successfully led multiple teams (3-6 members) in client-facing roles, collaborating effectively with client-side technical owners and engineers.
- Enhanced cloud cost allocation processes by integrating **FinOps principles**, enabling the client to achieve **accurate cost showback and chargeback** across multiple departments, improving financial visibility and accountability.
- Delivered complex, greenfield cloud projects on Google Cloud in client-facing roles, leveraging hands-on experience.
- Led data integration for billing data aggregation using the FOCUS standard dataset, enabling accurate cost tracking and reporting for FinOps, improving financial visibility, and optimising cloud expenditure through streamlined data pipelines and enhanced showback/chargeback models.

**DC Consultant** | Cloud Architect | Google Cloud SME | Google Cloud Delivery Lead  
**Deloitte Consulting- US office in India (Deloitte USI) Hyderabad, India (Aug 2021 – June 2023)**

- Experienced in architecting and operating **multi-tenant infrastructures** across various cloud platforms with managed services, specialising in Google Cloud greenfield infrastructure build. Successfully led 5 end-to-end cloud implementation build and maintenance projects for FS/Retails clients.
- Led a team of 5 engineers in Google cloud Pod including support from other operating pods part of the managed service team Hyderabad delivery center.
- Led patching activities, disaster recovery (DR), and backup planning aligned with RTO and RPO requirements.
- Supporting operational projects by managing monitoring metrics such as CPU, memory, and uptime to ensure optimal performance and reliability.
- Received Outstanding Performance Award two times in a single financial period.

**Cloud Admin | SRE Engineer**  
**Tata Consultancy Services (TCS), Hyderabad, India (Dec 2020 – Aug 2021)**

- Experienced in managing TELCO client infrastructure and overseeing application development, maintenance, and support for ongoing projects. Supported PCI-DSS and SOC audits to ensure compliance and security.
- **Monitoring & Optimisation:** Established a robust monitoring platform for existing projects to enhance performance and reliability. Monitoring critical metrics (CPU, memory, uptime) to maintain operational excellence.
- **Cloud Operations:** Expertise in infrastructure management, patching, DR, and backup planning with RTO/RPO alignment.

**Member Technical Staff**  
**Cyrrup Solution Pvt. Ltd. Hyderabad , India (Aug 2017 – Nov 2020)**

- Gained end-to-end product lifecycle exposure in a dynamic startup ecosystem, contributing to multiple phases of product design, development, and testing. Worked on 2 products based on IOT and Cloud.
- Acted as a key contributor to building and testing products, ensuring quality and functionality aligned with business goals.
- Reported directly to the CTO and CEO, providing daily updates on project progress and activities in a fast-paced startup environment. Led a team of front-end, back-end, IOT engineers and data analysts.
- Developed and debugged application modules based on given specifications, resolving issues efficiently within an Agile framework.
- Set up and maintained **Google Cloud infrastructure for hosting and application services**, ensuring reliability and performance.
- Collaborated with team members to design systems, integrate solutions, and maintain applications while aligning with business requirements and functional specifications.

**Lead Android Developer**  
**Ikvox Software Pvt. Ltd. Hyderabad , India (Jan 2016 – Dec 2017)**

- Gained comprehensive exposure to the end-to-end product lifecycle in a dynamic startup environment, contributing to product design, development, and testing.
- Played a pivotal role in building and testing Android applications with complete backend integration and end-to-end functionality.
- Integrated multiple **third-party services**, including payment gateways, Google Maps API, and SMS gateways, to enhance application capabilities.
- Worked on a **Customer Experience Management (CEM) tool**, delivering it as an enterprise solution for a healthcare client in the Middle East, designed to evaluate customer satisfaction based on feedback.
- Conducted field validation and testing of solutions with multiple retail clients to ensure quality and functionality.

## EDUCATION

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**Bachelor of Engineering in Electronics and Communication Engineering**  
Centurion University of Technology and Management, Odisha, India **(March 2011 to April 2015)**

- UK Framework levels: RQF Level 6/SCQF Level 10/CQFW Level 6 (Bachelor (Honors)degree)

## ACHIEVEMENT & ACTIVITY

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- Received twice Collaboration for measurable Impact Values Hero recognition in Deloitte UK in FY 2024-25.
- Received consecutive Outstanding Performance Award in FY 2022-23
- Represented Ikvox Software Pvt. Ltd. in Franchise India New Delhi and HICC Hyderabad, India.
- Represented Cyrrup Solutions Pvt. Ltd. in innovation Fair 201 Vizag, India and EFY 2019 Bangalore, India.