

# Alok Kumar Singh

## Enterprise Cloud Architect, Google Cloud

✉ aks2103@gmail.com    📞 9389232352    in aks2103    🌐 alok-sada    📍 alokksingh.com


📍 Bangalore, India



### PROFILE

As an Enterprise Cloud Architect, I specialize in crafting tailored infrastructure solutions on Google Cloud, offering expert guidance, managing complex infrastructure, streamlining processes with automation, and proactively evaluating emerging technologies to enhance enterprise efficiency and security. My commitment is to deliver solutions that precisely meet enterprise needs, emphasizing scalability, reliability, and efficiency.

### CERTIFICATES

**Google Certified**   
Professional Cloud Data Engineer

**Google Certified**   
Professional Cloud Security Engineer

**Google Certified**   
Professional Cloud Architect

**Google Certified**   
Associate Cloud Engineer

**Google Certified**   
Professional Workspace Administrator

**Google Certified**   
Maps Tech Credential

**HashiCorp Certified**   
Terraform Associate (002)

**NewRelic**   
Advanced Practitioner Exam

### PROFESSIONAL EXPERIENCE

#### SADA India

Enterprise Cloud Architect, Google Cloud

2019 – present  
Trivandram, India

- Skilled in designing cost-effective and scalable cloud solutions on Google Cloud Platform (GCP) by aligning business needs, technical constraints, and industry best practices for robust architectures.
- Expert in aligning existing infrastructure and workloads with GCP's capabilities and budgetary constraints, with a proven track record in leading migration projects and resource optimization.
- Ensuring top-tier cloud security and compliance through best practice implementation, identity management, and adherence to regulations, utilizing GCP's security tools and services.
- Providing technical leadership, guiding cross-functional teams and stakeholders in cloud technology decisions, and offering expertise and mentorship to drive innovation within the organization.
- Actively managing cloud costs through ongoing optimization using GCP tools for maximum value.

#### Senior Cloud Infrastructure Engineer

- Specialize as a Senior Cloud Infrastructure Engineer, focusing on delivering cloud-based infrastructure solutions for clients.
- Collaborate in the pre-sales stage to comprehensively understand client needs and requirements.
- Utilize Infrastructure as Code (IaC) with Terraform and other tools to architect solutions that precisely match client requirements.
- Design and implement secure, optimized, and cost-effective infrastructure solutions using expertise in Google Cloud, CI/CD tools, and IaC.
- Provide ongoing technical guidance and support to clients throughout the project lifecycle, ensuring effective use of Google Cloud services and prompt issue resolution.

- Actively engage in reviewing technical specifications, and staying updated with emerging cloud infrastructure technologies and trends.
- Proactively evaluate new technologies for potential adoption to enhance project efficiency and effectiveness.
- Dedication to delivering solutions that meet client needs and uphold the standards of scalability and reliability.

#### Senior Incident Manager

- Oversaw incident management processes, ensuring timely resolution and minimal disruptions.
- Led cross-functional teams during high-severity incidents, offering guidance to technical teams and stakeholders.
- Developed and maintained incident management procedures following industry best practices.
- Conducted root cause analysis, identified systemic issues, and recommended process improvements.
- Facilitated post-incident reviews, prepared detailed reports, and provided insights to senior management.
- Collaborated with teams and vendors to implement incident management tools for continuous improvement.
- Led the hiring process for the cloud support team, emphasizing collaboration and excellence.
- Ensured recruitment of top talent and built a strong team culture.

#### Lead Cloud Support Engineer

- Guided and mentored a team of cloud support engineers, fostering growth and expertise in Google Cloud.
- Enhanced support processes to optimize efficiency and elevate service quality, and hence improved NPS standards.
- Teamed up with cross-functional units, tackling system-wide technical challenges effectively.
- Aligned cloud support solutions proactively with customer objectives, ensuring satisfaction.
- Assumed responsibility for resolving issues, and providing professional, effective solutions, effectively behind the timeline.
- Articulated intricate technical matters in a clear manner, using structured problem-solving approaches to resolve them.

#### Delhi Public School, Kanpur, Cloud & IT Operations, Manager

2015 – 2019  
Kanpur, India

- As an IT Manager in an educational organization, I was entrusted with the responsibility of managing their Google Cloud environment, including Google Workspace and Google Cloud Marketplace Plesk Ubuntu Server. During my tenure, I constantly strived to enhance the productivity and efficiency of our daily operations by continuously learning new skills and applying them to my work.
- My focus on enterprise-wide planning, thorough testing, efficient implementation, and comprehensive support helped to ensure the high availability of our infrastructure. By implementing best practices and constantly evaluating our systems, I was able to identify and address any issues proactively, resulting in a reliable and stable platform for the organization.

#### SKILLS

**Public Cloud** (Google Cloud, AWS) | **Collaboration Tools** (Google Workspace, Office365, GCDS, AD Connect, App script)

**Monitoring and Logging** (StackDriver, Splunk, NewRelic) | **Version Control** (Git, GitHub, GitLab)

**Ticketing Tools** (ServiceNow, Jira) | **Programming** (Python, Java) | **Microservices** (Kubernetes, Dockers)

**IaC** (Terraform, Terragrunt, Pulumi, Terraformer) | **Web Servers** (Nginx, Apache) | **Scripting** (Bash, Python)

**CI/CD Tools** (Jenkins, GitLab, Cloud Build, Cloud Repository, GitHub) | **Google Maps**

**Others** (Active Directory, VMWare vCenter, MS Exchange)

## EDUCATION

**Master in Computer Applications**, APJ Abdul Kalam Technical University [↗](#)

2015  
Varanasi, India

Academic Project -

- Worked on creating a Mobile WebApp for the NPTEL website using, PhoneGap (HTML, CSS, Javascript)

**Bachelor in Computer Applications**, CSJM University [↗](#)

2011  
Kanpur, India

Academic Project -

- Worked on LMS and WordPress Deployment for School Website (DPS Kanpur), hosted on Google Cloud VM instance.

**Class X | XII**, ICSE | ISC Board  
St.Thomas School, Kidwai Nagar

2006 – 2008  
Kanpur

## AWARDS

**LIC Golden Jubilee Award**, LIC India [↗](#)

2008

- Was Chosen for LIC Golden Jubilee Scholarship Award and was among the Top 10 students who received it for graduate studies.

## REFERENCES

**Ram Iyer**, *General Manager*, SADA India  
ram.iyer@sada.com

**Neeraj Pandey**, *Manager, People Ops*, Delhi Public School, Kanpur  
neeraj@dpskanpur.com