



PAVITHRA K

GCP CLOUD ENGINEER

Leveraging **over 11 years** of experience in designing, implementing & managing cloud infrastructure solutions, architecting scalable & secure GCP environments to meet business objectives. Seeking a challenging role in **Cloud & DevOps** preferably in **Bangalore / Overseas**

CONTACT

📍 Bengaluru
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CORE COMPETENCIES

- Cloud Ops, DevOps
- Technical Leadership
- Project Management
- Infrastructure as Code (IAC)
- Scripting & Automation
- Server Maintenance
- Technical / Desktop Support
- Incident Management
- Linux Administration
- Troubleshooting
- CI / CD
- Migration
- Cost Optimization
- Client Engagement

TECHNICAL SKILLS

- Red Hat Linux
- AWS
- Nagios
- Hadoop
- GCP Cloud
- Terraform
- GitHub
- AI Platform
- Vertex

CERTIFICATION

📖 Pursuing: Exec-PG course for Data Science and AI" from Intellipaath

EDUCATION

📖 2012: **Diploma (Computers)**,
Nettur Technical Training
Foundation (NTTF)- 79%

PROFILE SUMMARY

- ❖ Currently serving as **Technical Lead** at **Mindtree**
- ❖ Spearheaded the management of **GCP infrastructure** using **Terraform** for multiple projects at Mindtree, ensuring seamless operations and driving innovation
- ❖ Led the **design & implementation of GCP-based solutions**, architected & implemented highly available & scalable GCP environments
- ❖ **Worked closely with clients** to understand their business requirements and translated them into GCP architecture designs & technical specifications
- ❖ Managed **CI/CD pipelines** using tools like Jenkins & GitHub to automate application deployments and ensure continuous integration & delivery
- ❖ Implemented **Infrastructure as Code** using Terraform, reduced provisioning time and provided support for critical cloud infrastructure
- ❖ Collaborated with cross-functional teams to **optimize costs** by implementing cost management strategies & **resource scaling** based on workload requirements
- ❖ Designed & implemented **disaster recovery & backup strategies**, conducted regular performance assessments, identified bottlenecks and implemented optimizations to improve system performance
- ❖ **Provided guidance & mentorship** to junior cloud engineers, facilitated their growth & development within the team

WORK EXPERIENCE

Mindtree, Bangalore

Sep'19 – Present

Growth Path

Technical Lead > Sr. Specialist

Key Result Areas

- ❖ Managing GCP infrastructure using Terraform for multiple projects, ensuring efficient resource allocation and optimization
- ❖ Leading large proof-of-concepts for clients' business on various components with GCP, driving innovation and delivering exceptional results
- ❖ Collaborating with cross-functional teams to design & implement scalable & secure cloud solutions
- ❖ Creating, upgrading & testing Terraform modules to ensure smooth deployment & management of infrastructure
- ❖ Creating & managing JSON payload which provision terraform resources when there is Namespace deployment in the client's tool
- ❖ Generating python template for the payload receives from the API and also, generating terraform code for the same
- ❖ Created startup & shutdown scripts for vextex workbend to automate the package installation & updates, also auto shutdown the machine after ideal time
- ❖ Streamlining infrastructure deployment & management by creating, upgrading & testing Terraform modules, ensuring smooth operations and scalability
- ❖ Mentoring & providing technical guidance to junior team members, fostering their professional growth & enhancing team productivity

Aspect Technology Center as Linux System Administrator

Oct'17 – Aug'19

Key Result Areas

- ❖ Monitored IVR Application Server alerts and configured alerts on Nagios and Datadog, effectively ensuring timely resolution of issues
- ❖ Conducted AWS server maintenance and patching on Linux & Windows servers
- ❖ Troubleshoot & resolved server-related issues, ensuring smooth operations
- ❖ Collaborated with cross-functional teams to implement best practices for server management & maintenance, optimized server performance & minimized downtime

PERSONAL DETAILS

Date of Birth: 7th March, 1994

Languages Known: English, Tamil,
Telugu, Kannada

Thomson Reuters as System Engineer

Apr'12 – Oct'17

Key Result Areas

- ❖ Managed client servers and provided Linux backend support for stock market software
- ❖ Ensured high availability and performance of servers, minimizing downtime and optimizing performance
- ❖ Collaborated with development teams to troubleshoot & resolve issues related to the stock market software

PROJECTS

MLOps Module Lead

- ❖ Provisioned GCP resources based on architecture design and aligned them with business objectives
- ❖ Monitored resource availability & usage metrics, provided guidelines for cost & performance optimization
- ❖ Assisted IT/business users in resolving GCP service-related issues
- ❖ Provided guidelines for cluster automation & migration approaches, ensuring efficient data management
- ❖ Led large proof-of-concepts for clients' business on various tools within GCP, such as Vertex AI

Devops Senior Engineer

- ❖ Worked as a DevOps Engineer in a Scrum Team, ensuring seamless integration & deployment of applications
- ❖ Provisioned GCP resources based on architecture design and aligned them with business objectives
- ❖ Utilized Terratest on Terraform modules for end-to-end testing
- ❖ Actively managed, improved & monitored cloud infrastructure, ensuring high availability & performance
- ❖ Utilized Service Now, a ticketing tool for application management