

Pentapati Sri Charan

Solution Architect,
Engineering Lead



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🎓 EDUCATION

IIT Dharwad
B. Tech.

🏆 AWARDS

Partner All Star - Solutioning,
Google Cloud
2023

🧠 SKILLS

Cloud ● ● ● ● ●
GCP, Azure, AWS

Devops ● ● ● ● ●
Docker, Kubernetes, CI/CD, Git

IaC ● ● ● ● ●
Terraform, ARM, Ansible

Scripting ● ● ● ● ●
Cloud Shell CLI, PowerShell,
Bash, Python

Solutioning ● ● ● ● ●
HLD/LLD, Strategy,
Transformation, Backup DR

📜 CERTIFICATIONS

Professional Cloud Architect –
by Google, Azure Solutions
Architect Expert – by
Microsoft

🧠 SOFT SKILLS

Eloquence

Taking ownership

Team enablement

Quick grasping

Root cause analysis

Adaptability

📁 PROFILE SUMMARY

- **I can contribute in:** technical adaptation for reduced human dependency, impact creation on chosen market, strategic advocations and executive assistance, captivating outcomes via predictive analysis, alignment with the long-term visions, growth coaching for rapid development.
- **I am seeking an environment with:** openness for ideas, new perspectives and corrections, C-suite mentorship, business modeling experimentation opportunities, room for cross-functional learning, ample growth.

📁 PROFESSIONAL EXPERIENCE

Solution Consultant

Mar 2024 – Sep 2024

- Working as an independent solution consultant with two firms and developing their practices on Cloud and DevOps.

Solution Architect, Engineering Lead, Shivaami Cloud Services

Oct 2021 – Feb 2024

- Led a 9-member Cloud and Development team with personalized technical guidance, emphasizing self-sustainability and operational efficiency.
- Architected and implemented cloud migration solutions, BCDR strategies according to the requirements of customers ranging from Fin-tech to Healthcare clients in GCP, Azure and AWS.
- Spearheaded enterprise GCP projects and made the systems dynamically scalable through microservices adoption achieving 20% savings. Optimized SDLC through cloud-native services adoption and environment automations.
- Initiated value addition strategies for key clients (with Annual Revenue of \$0.3M - \$1M), increasing customer stickiness and improving retention by over 50%. This effort also served as a promoter index, boosting the revenue streams and contributed to 5% of net new revenue.
- Collaborated with CXOs to standardize delivery procedures ensuring audit compliances and designed OKRs for impact measurement. This streamlining facilitated a hassle-free 175% growth in business.
- As a product owner, adopted MoSCoW framework and mapped the user persona, envisioned the LoB applications to improve the user's interaction experience with the product.
- Initiated hosting of internal knowledge sharing sessions over new technologies and industrial best practices and enabled the cloud engineering team over the basics of Containers, Docker, Kubernetes, AVD.
- Created an ARM template which can deploy VM, Disk, NSG, PaaS MariaDb and private endpoint, AKS under one Vnet which can be used as a high available and scalable WordPress hosting environment.

Azure Implementation Specialist, G7CR Technologies

- As part of the tech evangelist team, actively explored new Azure releases to create innovative and elegant integrations for business purposes.
- Transformed a fintech client's infrastructure on Azure swiftly, delivering a remarkable experience and establishing a new organizational benchmark.

📁 PROJECTS

Cross Cloud Migration, Rehoused the application environments

- Created migration strategies and project plans for the migrations of underlying infrastructure, considering the respective constraints.
- Executed the complete rehosting, ensuring the data and application consistency.

Digital Transformation, Application and Infrastructure Modernisation

- Revamped the LAMP stack LoB application with ReactJs, Django, DRF frameworks and transformed the monolithic application into a macro service 3-tier architecture orientation, adhering to 12-factor methodology.
- Achieved a 50% performance improvement by further breaking the macro services into micro-services. Containerized the applications using Docker and deployed the same over the Kubernetes clusters enabling the high availability and auto-scaling, yielding a 99.995% uptime.
- Migrated the data to managed database instances for the data layer.
- Adopted Git to maintain version control of the source code. Created CICD pipelines using Cloud Build and Cloud Deploy.
- Created the governance controls and practices using the CSPM tools, automations.
- Reviewed the environment every quarter, from the multi-focal lenses to ensure the clearance of technical debts.