Pentapati Sri Charan

Solution Architect, Engineering Lead, IIT Alumnus

✉ sricharan.p99@gmail.com

📞 +91-9985692108

in https://linkedin.com/in/sri-charan11

🔗 https://medium.com/@srich

BRIEF INTRODUCTION

- **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.

🏅 AWARDS

Partner All Star - Solutioning, Google Cloud

CERTIFICATES

Professional Cloud Architect by Google

Azure Solutions Architect Expert by Microsoft

🎓 EDUCATION

IIT Dharwad
2016 – 2020

🧠 SKILLS

Cloud
GCP, Azure, AWS ● ● ● ● ●

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

IaC
Terraform, ARM, Ansible ● ● ● ● ●

Scripting
Cloud CLIs, PowerShell, Bash, Python ● ● ● ● ●

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

💼 PROFESSIONAL EXPERIENCE

Shivaami Cloud Services, Solution Architect, Engineering Lead
06/2022 – 02/2024
- Led a 9-member Cloud and Development team with personalized technical guidance, emphasizing self-sustainability and operational efficiency.
- Led GCP enterprise cloud projects and made the systems scalable through microservices architecture adoption, optimized SLDC through cloud-native services adoption and environment governance 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 audits compliances and designing 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.

Shivaami Cloud Services, Cloud Engineer
10/2021 – 06/2022
- 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.
- 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 end point, AKS under one Vnet which can be used as a high available and scalable wordpress hosting environment.

G7CR Technologies, Azure Implementation Specialist
02/2021 – 10/2021
- 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.

💬 SOFT SKILLS

Eloquence, Taking ownership, Team enablement, Fast learning, Root cause Analysis, Adaptability

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📁 PROJECTS

Cross Cloud Migration, Rehosted the application environments
- Created a migration strategies and project plan for the migrations of underlying infrastructure considering the respective constraints.
- Executed the complete migrations ensuring the data and application consistency.

Digital Transformation, Application and Infrastructure Modenisation
- Revamped the LAMP stack LoB application with ReactJs, Django, DRF frameworks and transformed monolithic application into macro service 3-tier architecture orientation, adhering to 12 factor methodology.
- Further, broken macro services into micro services and containerized them applications using Docker. Deployed the same over the Kubernetes clusters enabling the high availability and auto scaling.
- Migrated the data to managed instances for the data layer.
- Adopted Git to maintain the 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 clearances of technical debts.