

## Thiyagarajan Karuppaiah

Mobile: +91 9789780878

E-Mail: [thiyagarajan.karuppaiah@gmail.com](mailto:thiyagarajan.karuppaiah@gmail.com)

[www.thiyagu.com](http://www.thiyagu.com)

<https://www.linkedin.com/in/2thiyagu/>



## SUMMARY

Highly accomplished and results-oriented Cloud Architect with 16+ years of experience in designing, implementing, and managing robust cloud and on-premises infrastructure.

- Proven expertise in architecting hybrid cloud solutions, specializing in Google Cloud Platform (GCP) and Amazon Web Services (AWS).
- Designed and implemented 100% Compliant cloud migration strategy for critical business applications, ensuring minimal downtime.
- Adept at optimizing cloud resources for cost-efficiency, performance, and security while adhering to industry best practices and compliance standards (CIS, SOC2, GDPR).
- Passionate about driving innovation and delivering exceptional results.
- Provided technical guidance and mentorship to junior team members, fostering their professional development and growth

## Skills

- GCP, AWS
  - Architecting Hybrid Cloud Infrastructure
  - Landing Zone
  - Hub and Spoke
  - CIS, SOC2 and GDPR Compliant
- Docker, kubernetes
- Linux, Windows
- CI/CD, Terraform, Ansible, Jenkins, GitLab, GitHub, ELK Stack

- Prowler, Checkov
- Python, Shell, Batch
- Apache, IIS, Nginx, HAProxy, CDN
- Tomcat, JBoss, WebLogic, WebSphere

## **CERTIFICATIONS**

- Google Cloud Certified Cloud Architect
- AWS Certified “Solutions Architect – Associate”

## **EXPERIENCE**

### **April, 2017 to Present: Rappit (formerly known as Vanenburg), Coimbatore as “Senior Principal Cloud Architect”**

- Architecting cloud landing zones that incorporate security, compliance, scale and governance enabling quick & easy cloud migration and application modernization in the cloud.
- Accelerating cloud resource provisioning times by 75% leading to faster onboarding processes for 100+ application by engineering automation and orchestration of cloud operations using Terraform, Ansible and CI/CD systems
- Delivered 85% faster provisioning of a 100% compliant cloud landing zone to 15+ enterprise customers by developing custom reusable Terraform modules.
- Established a highly secure, private connection between on-premises and Google Cloud using hybrid connectivity, Private Service Access, and VPC Service Controls to protect sensitive data.
- Ensured 100% compliance with configuration standards by integrating testing and scanning tools and strategies into CI/CD pipelines.
- Optimizing cloud resources to minimize costs by 15 to 20% and improve efficiency while meeting performance and capacity requirements
- Implementing and maintain GRC (CIS, SOC2) and Security best practices
- Guiding application development and customer technical teams with thought leadership and strategic direction on GCP, cloud-native

solutions, monitoring, logging, DevSecOps, security, microservices, and cloud design patterns.

- Developing and implementing decision frameworks. Managing the documentation of all infrastructure architecture design and analysis.
- Mentored and trained new team members on Google Cloud resulting in faster onboarding and improved productivity.
- Developed and delivered training programs for fresh graduates, covering Linux, Networking and Cloud Technologies enabling them to quickly contribute to project success

**August, 2016 to April 2017: Hewlett Packard Enterprise, Bangalore  
as “ITO Svc Delivery Cons III”**

- Designed scalable and resilient hybrid cloud infrastructures to support future growth
- Leveraged expertise in cloud and Kubernetes to guide customers and application architects in deploying microservice architectures, resulting in 25% cost savings and a 95% successful upgrade rollout rate.
- Deployed and managed diverse middleware platforms, including JBoss, Tomcat, WebSphere, WebLogic, Apache, and IIS in VMs and Kubernetes
- Achieved an 80% faster delivery process through the automation of deployment and maintenance using CI/CD pipelines, Puppet, Ansible, and shell scripting.

**January, 2011 to July 2016: Exterro R&D Pvt. Ltd., Coimbatore as  
“Sr. Infrastructure and Deployment Engineer”**

- Designed and implemented secure and scalable hybrid cloud infrastructures, leveraging Terraform, Ansible, Jenkins and AWS.
- Deployed and managed a range of middleware technologies, including JBoss, Tomcat, WebSphere, WebLogic, Apache, and IIS, optimizing performance and security through targeted tuning.
- Implemented and maintained a SaaS product on AWS, utilizing both PaaS and IaaS services to achieve high availability and cost-effectiveness.
- Successfully integrated SAML with the SaaS product, enabling multi-tenancy and enhanced security for multiple clients.
- Recognized twice with the "Employee of the Quarter" award for outstanding contributions and performance.
- Received multiple client awards for successful and efficient

implementations, demonstrating a commitment to client satisfaction and project excellence.

**August, 2010 to January, 2011: Aumega Networks Pvt Ltd.,  
Bangalore as “Production Support Engineer”**

- Deployed, configured, and maintained secure web, file, and mail servers (Windows and Linux) on AWS
- Deployed and secured a high performance media server on AWS, adhering to best practices for media streaming security.
- Implemented a proactive monitoring and patching strategy for Linux servers across on-premises and AWS environments, minimizing downtime and security vulnerabilities

**May, 2008 to August, 2010: Planettutor Learning Solutions India  
Pvt. Ltd., Coimbatore as “Network Administrator”**

- Configured, deployed, maintained Secure Wired and wireless Network using Routers, Modems, and Switches
- Install, configure and maintained the secure Windows and Linux file web and mail server
- Assembled, Installed, configured and maintained Windows and Linux desktops

**EDUCATION**

Bachelor of Computer Application (2005-2008) -  
Sankara College of Science and Commerce, Affiliated to Bharathiar  
University, Coimbatore

Regards,

(Thiyagarajan.K)