

# Hemanth Gopalakrishna Yerasuri

## Cloud & Network Engineer

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- Kubestronaut with background in Embedded systems/Wireless technologies.
- 9+ years of experience in the field of Telco Cloud, worked with various CSPs globally.
- Experienced in E2E design and implementation of telecom network functions with strong knowledge on Cloud Infra and Network Domain.



## Work History

2023-09 –

### Engineer III CsIt-Cloud

Current

Verizon Data Services, Hyderabad

- As a part of cloud operations team, I was involved in troubleshooting various issues in large scale OpenShift clusters.
- Used CI/CD pipelines for day-to-day operations and maintenance activities, contributed in building various automations and scripts for increased efficiency.
- Experienced in using GitLab, Prometheus, Grafana, ArgoCD, and several other inhouse tools.

2018-02 -

### Solutions Specialist

2023-08

Nokia Solutions and Networks, Chennai

- Involved in E2E (from design, deployment to integration and testing) of various network functions on OpenStack and OpenShift.
- Experienced in Linux OS, engaged in troubleshooting, developed skills to identify, analyze and propose solutions/workarounds.
- Obtained deep knowledge of network protocols (Ethernet, TCP/IP, networking stack, SIP, DIAMETER), 3GPP specs and network elements in 4G/5G domain.
- Interacted with cross-functional teams and obtained familiarity in multiple domains, including Git, API interactions, cloud design and deployment.
- Proposed and developed custom solutions using bash, python and ansible leading to safer and faster operations
- As a mentor/SME, was actively involved in training new joiners, conducting knowledge sessions to share latest discoveries with the team.

- 2016-01 -  
2018-02

### System Engineer

Tata Consultancy Services, Hyderabad

As a systems engineer, was involved in design and execution of automation and manual testing, worked on technologies and tools like HP ALM, Selenium, etc.
- 2013-08 -  
2015-05

### Research Assistant

SASTRA University, Thanjavur

  - Involved in designing and building a wireless sensor network to continuously monitor the levels of toxic gases and there by ensure the purity of air, worked with LPC 2148 (based on ARM7) and Zigbee modules using UART protocol
- 2014-05 -  
2014-06

### Research Intern

Calcutta University, Kolkata

  - Have worked under the project, "Simulation and Testing of Various Modules of the GBT Project", which is a part of CBM-FAIR International Project funded by DAE & DST, Govt. Of India.
  - Involved in writing test benches for various modules of the project using Xilinx Design Suite and performing timing analysis.



## Education

- 2010-06 -  
2015-05

### Master of Technology (Integrated Course): Communication Systems

SASTRA University – Thanjavur



## Certifications

- 2025-01

The Linux Foundation Certified Kubestronaut
- 2024-02

The Linux Foundation Certified Kubernetes Security Specialist
- 2022-08

The Linux Foundation Certified Kubernetes Application Developer
- 2021-12

Amazon Web Services Solutions Architect Associate
- 2022-08

The Linux Foundation Certified Kubernetes Administrator
- 2021-09

Red Hat Certified Engineer in Red Hat OpenStack
- 2021-09

Red Hat Certified System Administrator in Red Hat OpenStack



## Accomplishments

- Spotlight award for innovating through empathy and understanding
- Spotlight award for coordinating with multiple teams and streamlining operations
- Appreciate Excellence - Renewal  
For outstanding support in multiple projects
- Celebrate Excellence - Achievement  
Adjudged winner of the GSID Quarterly Excellence Awards in Value Champion category
- Appreciate Excellence - Achievement  
For successful restoration of services and minimizing impact to the customer
- Applaud Excellence - Achievement (Team award)  
For excellent support during first time IMS delivery in XXX project
- Applaud Excellence - Achievement  
For successful deployment of XXX on OpenStack.
- Appreciate Excellence - Open (Team award)  
For successful acceptance closure of XXXX IMS project.
- Applaud Excellence - Fearless (Team award)  
For managing multiple issues during all phases of project
- Applaud Excellence - Fearless  
For being a pillar to many deliveries and providing expert services
- Business Excellence - Fearless (Team award)  
For efforts in securing a successful delivery project to XXXX



## Hobbies and Interests

- Travelling, exploring new places, cultures and food.
- Creating animations and videos for better visualization and understanding.
- Nature Photography and Editing.
- Interested in Aerospace and Avionics
- Exploring DIY projects on SBCs such as RaspberryPi.