

SHASHWATH V R

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SUMMARY

Google Cloud Certified, enthusiastic DevOps and Cloud Engineer with hands-on experience in Linux, CI/CD pipelines, Kubernetes, and cloud platforms like GCP and Azure. Proficient in automation, scripting, and deploying scalable infrastructure. Eager to contribute to modern DevOps and cloud-native solutions.

EXPERIENCE

Freelancer - DevOps & Cloud Engineer (UpWork & Direct Clients)

March 2024 - Present

- Developed and deployed conference websites using React.js
- Automated secure Linux module transfers for institutional deployments

EDUCATION

Bachelor of Technology in Information Technology (B.Tech IT)

May 2023 - Present

Bannari Amman Institute of Technology

- Graduating with Honors
- Relevant Coursework: Cloud Computing, DevOps, Distributed Systems, Web Technologies

PROJECTS

Terminus Assess (Interactive Student Test Portal with Real-Time SSH Terminal)

React, Node.js, SSH, MySQL

- Built a full-stack testing portal with real-time SSH terminal integration,
- Reduced manual test execution time by 50%
- Developed automated test case verification and secure session handling for concurrent logins

Private Cloud Deployment with OpenStack

OpenStack, Nova, Neutron, Cinder

- Deployed scalable OpenStack environment with compute, storage, and networking services
- Optimized cloud resource allocation to improve infrastructure efficiency

Self-Hosted Git Server

Gitea, Linux, NGINX, SSH

- Deployed and managed a self-hosted Gitea Git server,
- Handled version control and secure access for 1,500 users
- Configured user permissions and repository management to ensure secure collaboration

TECHNICAL SKILLS

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|---|--|
| • Google Cloud (GCP), Microsoft Azure (IaC) | • Monitoring: Prometheus, Grafana, Netdata |
| • Virtualization: Proxmox, WSL | • Languages: Python, C |
| • Containerization: Docker, Kubernetes | • Data Structures and Algorithms |
| • DevOps Tools: Jenkins, CI/CD , Ansible | • Automation: Selenium |
| • Version Control: Github, Gitea, Gitlab | • Frameworks: React, Laravel |

CERTIFICATIONS AND ACHIEVEMENTS

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|---|---|
| • Certifications: <ul style="list-style-type: none">◦ Google Cloud Digital Leader - Google, Feb 2025◦ Professional Cloud Architect - Google, Mar 2025◦ Github Foundations - Github, Jan 2025 | • Leadership & Activities : <ul style="list-style-type: none">◦ Microsoft Student Ambassador◦ Technical Lead of GDSC (Google developer Student Community) |
| | • Languages (L,S,R,W) : English, Tamil, Hindi |