

Sharadhi S S

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EDUCATION

Bachelor of Engineering, Computer Science and Engineering <i>Bachelor of Science in Computer Science</i>	Aug. 2017 – August 2021 8.91/10
Pre-university <i>PCMC</i>	June 2015 – May 2017 93/100

TECHNICAL SKILLS

Languages: Java, Python, HTML/CSS,
Frameworks and Tools: Flask, JUnit, Adobe XD, Figma
DevOps: Networking, Open Policy Agent (OPA), Docker, Jenkins, GitHub Actions, Azure DevOps, Argo CD, Argo Workflows, Terraform, Ansible and Kubernetes, SLSA (Sigstore, Rekor, Cosign)
Cloud Computing: AWS, Azure, GCP (Certified)
Scripting : Linux Shell Scripting **Version Control :** Git, GitLab, Azure Repos
Platforms & Architecture : Windows, Amazon Linux, Debian

EXPERIENCE

Engineer - DevOps <i>Xperi (TIVO)</i>	Nov 2023 – Present Bengaluru
<ul style="list-style-type: none">Led the management and optimization of a broad range of AWS services (IAM, S3, ASG, RDS, ECS, CloudWatch, Lambda etc.) and orchestrated key migrations, including Debian upgrades, ensuring system reliability, security, and performance. Played a critical role in building the infrastructure foundation for a SaaS platform serving over 10M users annually.Designed and implemented Ansible roles for AWS resource provisioning, application deployment, and monitoring tools (Prometheus, Grafana, and Alert Manager), ensuring high availability through automation and scripting across multiple environments.Led the migration of Jenkins to AWS using Terraform, enhancing infrastructure scalability and maintainability.Created a proof of concept (POC) using Packer to assist the development team in building Amazon Machine Images (AMIs), which is now widely adopted within the team.Implemented Python and shell scripts to manage and Automate the daily tasks which increased operational efficiency and reduced manual workload.Designed and executed a cloud cost optimization strategy with AWS Cost Explorer and Trusted Advisor, reducing monthly cloud expenditures by 25%.	
DevOps Engineer <i>Hashedin By Deloitte</i>	Oct 2021 — Nov 2023 Bengaluru
<ul style="list-style-type: none">Led the design and implementation of a reusable Jenkins Shared Library, reducing manual work by 70% and improving deployment speed and accuracy.Deployed serverless applications to GCP, collaborating with developers and utilizing tools like Docker, GCR, Cloud Storage, Cloud Run, and GitHub Actions.Contributed to the Anthos project, integrating service mesh and configuration management to improve the development workflow for microservices in Kubernetes.Led the transition from Jenkins to ArgoCD, architecting and establishing a robust GitOps-based CI/CD pipeline now in full production.Managed user authentication with Okta's OIDC tool and secured secrets using Vault and sealed secrets for controlled access.Built a secure DevSecOps pipeline with tools like SonarQube, Fortify, Aqua Trivy, and Terrascan, achieving Level 2 security via SLSA integration.Mentored new hires, fostering knowledge sharing and guiding best practices in DevOps.Designed a highly available and disaster recovery solution for Kubernetes clusters on bare-metal and GKE, utilizing Helm charts for efficient deployments.	

UI/UX Developer Intern

Jun 2020 – Oct 2020

Paymatrix

Hyderabad

- Designed the Front-end page for the Paymatrix webpage using Adobe XD and Figma. And developed Front End Applications for paymatrix V 3.0 by learning technologies like HTML, CSS3, Bootstrap4, JavaScript.
- Build admin module and Landing page of the company.

HONORS AND ACTIVITIES

- Recognized and Received the Rising Star Spot Award, Excellence Award and Top Impactor award at Hashedin for outstanding contributions.
- Implemented GitHub OAuth to get data from user's repositories
- Certified AZ-900 Azure Fundamentals by Microsoft and Certified GCP Associate Cloud Engineer
- Certified in Certified Kubernetes Administrator (CKA) and Terraform Associate Exam
- Participated in the National Level IT Quiz conducted by TCS in 2015.
- Recognized as the Best Outgoing Student of Computer Science and Cultural Team in 2021
- Won prizes in intercollege dance competitions in 2018 and 2019.