

# SHARADHI S S

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<https://medium.com/@raosharadhi11> | <https://sharadhirao.github.io/>

## EDUCATION

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**Bachelor of Engineering, Computer Science and Engineering** GPA: 8.91/10 August 2021  
Jawaharlal Nehru National College of Engineering, Shimoga, India

**Pre-university, PCMC** Percentage: 93/100 May 2017  
Shri Dharmasthala Manjunatheshwara Pre University College, Ujire, India

## TECHNICAL SKILLS

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**Programming Languages:** Python, Java, HTML **Frameworks, Libraries & Tools:** Adobe XD, Figma, Webflow

**DevOps:** Networking, Open Policy Agent, DevOps tools like Docker, Jenkins, GitHub Actions, Azure DevOps, Argo CD, Argo Workflows, Terraform, Ansible and Kubernetes, SLSA (Sigstore, Rekor, Cosign), Helm, Kustomize **Cloud Computing:** AWS, Azure, GCP (Certified)

**Scripting & Debugging:** UNIX, Linux Shell scripting **Version Control:** Git, Azure Repos  
**Platforms & Architecture:** Windows, UNIX, Linux **Databases:** MySQL, Oracle

## EXPERIENCE

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**Devops Engineer - 1** **HashedIn by Deloitte** Oct 2021 – Present

- Spearheaded the design and implementation of a reusable Jenkins Shared Library to streamline code sharing across multiple projects, resulting in a 70% reduction in manual work and significant improvement in deployment speed and accuracy.
- Successfully deployed serverless applications to GCP and collaborated closely with developers to resolve issues promptly, utilizing tools like Docker, GCR, Cloud Storage, Cloud Run, and GitHub Actions.
- Contributed to the Anthos project, integrating service mesh, configuration management, and CI/CD practices to enhance the development workflow.
- Successfully led the transition from Jenkins to ArgoCD, taking ownership of the entire CD pipeline development process, Architected and established a robust CI/CD process following GitOps principles which is now in full production.
- Implemented user management using Okta's OIDC tool, ensuring secure access control and authentication and Secret Management using vault and Sealed secrets to enhance security.
- Implemented a robust DevSecOps pipeline with stringent security checks (SonarQube, Fortify, Aqua Trivy, Terrascan) and also achieving Level 2 security through SLSA integration.
- Mentored and led new hires, fostering a culture of knowledge sharing, guided team members on DevOps best practices, and facilitated continuous learning.
- Conducted a successful Proof of Concept (POC) on automation, utilizing Terraform to efficiently manage infrastructure setup on various cloud platforms.
- Designed and architected a highly available (HA) and disaster recovery (DR) solution for Kubernetes clusters running on both bare-metal and GKE environments ensuring seamless scalability and availability.

**UI/UX Developer Intern** **Paymatrix** Jun 2020 – Oct 2020

- 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.
- Built admin module and Landing page of the company.

## ACADEMIC PROJECTS

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### **An IoT based Water Quality Measurement System**

Feb 2021 - May 2021

- Developed a real time water monitoring to monitor the health of the water with use of sensors, web application and android application. <https://github.com/sharadhirao/IoT-water-quality-measurement>

### **Sentiment Analysis of Textual Comments and Feedback**

May 2020 – Jun 2020

- Developed a sentiment analyser which classifies the given phrases into its emotion. This project is done under TCS iON. <https://github.com/sharadhirao/sentiment-analysis>

### **E-Commerce Website for Home Décor**

Mar 2020 - May 2020

- Developed an online shopping website for Home decor items. The features of this project are user login, Add/Remove items from cart, placing order and storing data in Database. <https://github.com/sharadhirao/web-home-decor>

## HONORS & ACTIVITIES

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- Completed HackerRank Python and SQL Certificates.
- Recognized and Received the Rising Star Spot Award, Excellence Award and Top Impactor award at Hashedin for outstanding contributions.
- Certified AZ-900 Azure Fundamentals by Microsoft.
- Certified GCP Associate Cloud Engineer and GCP Professional Cloud DevOps Engineer.
- Certified in Terraform Associate Exam.
- Certified Kubernetes Administrator (CKA)
- Participated in the National Level IT Quiz conducted by TCS in 2015.
- Won prizes in intercollege dance competitions in 2018 and 2019.
- Recognized as the Best Outgoing Student of Computer Science and Cultural Team in 2021.