

# R SRIVATSA BHARADWAJ

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[in R SRIVATSA BHARADWAJ](#)

## EXPERIENCE

### HashedIn By Deloitte

DevOps Engineer - I

Bengaluru Karnataka

Dec-2024 - Present

- Worked on a **Migration Project**, where I was responsible for deployment and monitoring of refactored application on Azure cloud using **Azure DevOps Pipelines**.
- Suggested and Involved **Static Code analysis** using **SonarQube** as a security best practice before deployment of applications.
- Leveraged the **IAC tool Terraform** to provision and manage resources on Azure cloud.
- Currently **working on a migration project** of migrating VMs from **VMWare to AWS Cloud** using **AWS MGN** by following security best practises with minimal downtime.
- Also working on **Kubernetes** for a usecase on scaling pods with keda and secrets management in k8s and implemented the same.

### HashedIn By Deloitte

DevOps Intern

Bengaluru Karnataka

Aug-2024 – Nov-2024

- Learnt basics of DevOps such as **Git, Docker, Linux and shell scripting** with hands on knowledge.
- Completed tasks related to **all 3 clouds AWS, AZURE and GCP**, and have hands on knowledge on cloud services.
- Worked on terraform with all 3 clouds, Kubernetes, CICD.
- Learnt the fundamentals of **Azure DevOps, SRE, GEN AI**.
- Built a product called **Smart Remedy** from scratch that actively monitors k8s resources using **prometheus and grafana** and triggers alerts via Email along with **AI backed remedies** in case of an issue in the cluster.

### Magna International

Feb 2024 - July 2024

Intern - ADAS Algorithm Development

Bengaluru Karnataka

- Auto Park feature:** Worked on an ongoing project about **perception development** using ultrasonic sensors for an ADAS feature.
- I was a part of the **algorithm development team** for image processing for ADAS.
- C++ is the main language used and I was responsible for integration of a **module called potmap** to another module inside the project.

## Projects

### Road Lane and Object detection | Computer Vision, Python

- Developed a lane and object detection system using computer vision techniques to enhance road safety and traffic management.
- Implemented perspective transformation and curve fitting for accurate lane boundary detection from a bird's eye view.
- Built an object detection module using Support Vector Machines (SVMs) to identify vehicles from video streams with high precision.
- Enhanced detection performance through camera distortion correction, color space transformations, and optimized feature extraction workflows.

### Containerization and CI/CD | Docker, Jenkins, Docker Compose

- Designed and implemented a CI/CD pipeline in Jenkins to automate deployment of a Node.js application, integrating GitHub webhooks for seamless push-based builds.
- Containerized the Node.js app using Docker; built and pushed custom images to Docker Hub and deployed containers on local environments.
- Developed Dockerfiles for a full-stack Django + PostgreSQL application and orchestrated multi-container deployment using Docker Compose.
- Configured environment variables and persistent volume mapping to enable robust, isolated development environments and smooth data retention.

## Education

### JSS Academy of Technical Education

CGPA: 9.13

Bachelor of Engineering in Computer Science and Engineering

Bangalore, Karnataka

## Technical Skills

**Languages:** C++, Python .

**Devops tools:** Bash/Shell Scripting , Docker(Containerization) , Ansible (Configuration Management) , Git (Version control), Kubernetes(Intermediate), Azure Cloud (Basics), AWS MGN, Terraform, Monitoring using Prometheus and grafana

## Certifications

- Python Essentials from Cisco Networking Academy.
- DevOps Certification: Udemy (Imran Teli).
- GCP Professional Cloud Devops Engineer.