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EXPERIENCE

HashedIn By Deloitte

Bengaluru Karnataka

DevOps Engineer - I

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

Bengaluru Karnataka

DevOps Intern

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.