


# BALAJI KULLAYI

Bengaluru

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## Experience

### HashedIn By Deloitte

*DevOps Engineer-1*

**June 2024 - Present**

**Bengaluru Karnataka**

- Multi-cloud expertise across AWS and GCP, with a deep understanding of IaaS, PaaS, and SaaS models. Deployed and maintained business-critical applications, with proven experience managing environments across dev, staging, QA, and demo, ensuring stability and consistency throughout the development lifecycle.
- Designed and deployed multi-cloud infrastructure using Terraform, implementing modular and secure practices that were adopted by multiple teams across AWS, Azure, GCP, and Oracle Cloud—greatly enhancing automation, consistency, and compliance.
- Provisioned and maintained Kubernetes clusters (EKS, GKE, OKE) to ensure 99.9% uptime and support a scalable microservices architecture. Implemented KEDA, HPA, and Cluster Autoscaler to achieve high availability and efficient resource utilization across workloads.
- Implemented Kubernetes StatefulSets to orchestrate stateful workloads with autonomous lifecycle management and replication, leveraging database proxy layers for resilient DB connections and Redis as a caching layer to enhance performance and scalability.
- Developed CI/CD pipelines using GitHub Actions and Azure DevOps, reducing deployment time by 70% and eliminating manual errors..
- Wrote and optimized Dockerfiles for frontend and backend services, following best practices and security standards, which automated build processes, reduced container image size by 30%, and ensured consistent environments across teams..
- Served as the single point of contact (SPOC) for DevOps, proactively resolving cross-environment issues across dev, QA, staging, and demo setups. Collaborated closely with developers to troubleshoot and resolve environment-specific problems, resulting in a improvement in incident response time and smoother delivery cycles..
- Maintained and configured Windows servers to run UIPath Automation and Flask applications concurrently, using IIS for efficient hosting and management. On Linux, managed Selenium servers, monitored system resources, and troubleshoot issues using tools like iptables and top.
- Experienced with SCM tools including Git, GitHub,Azure DevOps and GitLab; managed branching strategies, code merges, and version control best practices.
- Mentored 50+ DevOps interns, leading daily assignments and weekly touchpoints to track progress, resolve blockers, and provide continuous guidance. Conducted technical sessions on Linux, Docker, Terraform, and Kubernetes, fostering foundational understanding and hands-on expertise across the team.

### HashedIn By Deloitte

*Software Engineer Intern*

**Apr 2024 - June 2024**

**Bengaluru Karnataka**

- Developed full-stack applications using Spring Boot and ReactJS, deployed in containerized environments by creating custom Dockerfiles and implementing CI/CD pipelines with GitHub Actions.
- Explored Generative AI use cases and built prototype integrations, demonstrating strong initiative and curiosity. Additionally, gained hands-on experience with prompt engineering and large language models (LLMs).
- Implemented AI chatbot solutions using FastAPI, Retrieval-Augmented Generation (RAG), and vector databases for enhanced contextual understanding.

## Technical Proficiencies

**Programming/Scripting Languages:** Python , Java , Shell Scripting

**OS / Databases:** Linux , MongoDB , MySQL , Redis

**Cloud Platforms:** AWS , GCP

**Containerization and Orchestration:** Docker, Kubernetes, Helm , Kustomize

**CI/CD:** GitHub Actions , AWS CodePipeline , Azure DevOps , Argo CD

**Infrastructure as Code:** Terraform

**Observability Stack:** Prometheus , Grafana , Loki

## Education

### Sree Vidyanikethan Engineering College

*B-Tech in Computer Science and Engineering*

**CGPA: 9.1**

*Tirupati, AP*

## Achievements & Contributions

- Honored with Top Impacter Award during the regular appraisal cycle for outstanding impact on project delivery and team goals.
- Received Monthly Spot Award recognizing consistent performance, initiative, and contribution to team success.
- Designed and set up onboarding curriculum tracks for Kubernetes, Linux and networking ,containerization to support intern training at HashedIn by Deloitte.