Arjun V

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Arjun V Karekar
Arjunkarekar-07

EDUCATION

Jawaharlal Nehru National College of Enginnering — Shimoga, Karnataka
Bachelor of Enginnering (8 CGPA) — *2019-2023*

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C++, Shell Scripting, Bash.

Version Control Systems: Git, GitHub.

Continuous Integration/Continuous Deployment: Jenkins, GitLab CI.

Configuration Management: Ansible, Puppet, Chef.

Containerization and Orchestration: Docker, Kubernetes.

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP).

Monitoring and Logging: ELK Stack (Elasticsearch, Logstash, Kibana), Grafana.

Infrastructure as Code (IaC): Terraform.

EXPERIENCE

Vunet Systems — Bengaluru, Karnataka (Remote)
Solution Software Engineer — *June 2023 - Present*

- Leveraged proficiency in Python, ELK Stack, Kubernetes, Docker, Apache Kafka, and Linux.
- Orchestrated Docker containers using Kubernetes for containerization, scaling, and load balancing.
- Configured and maintained monitoring and logging systems using ELK Stack, Prometheus, and Grafana for real-time visibility into system performance and logs.
- Designed and implemented Kafka streaming pipelines to parse and transform raw logs into meaningful data.
- Automated configuration management and deployment tasks using Ansible, Puppet, and Chef for maintaining consistency across environments.
- Designed impactful data visualization dashboards using Kibana and Grafana which gave effective insights to the end users.
- Enhanced visualization for Monitoring using custom CSS, HTML, JavaScript, Bootstrap.

PROJECTS

CI/CD Pipeline Setup

- Set up continuous integration and continuous deployment (CI/CD) pipelines using Jenkins, Travis CI, and GitLab CI for multiple projects.
- Integrated automated testing frameworks and tools for code quality assurance and deployment validation.
- Orchestrated the deployment of applications to various environments, including development, staging, and production.

Containerization and Orchestration

- Implemented Docker containerization for packaging applications and dependencies into portable containers.
- Orchestrated containerized applications using Kubernetes for automated deployment, scaling, and management of containerized workloads.
- Configured Kubernetes clusters on AWS and managed cluster resources efficiently for high availability and fault tolerance.

Infrastructure Automation

- Designed and implemented infrastructure automation solutions using Terraform and AWS CloudFormation to provision and manage cloud resources.
- Established best practices for infrastructure as code (IaC) to ensure reliability, scalability, and security of cloud environments.
- Utilized Git version control for managing infrastructure code and enabling collaboration among team members.