**Jishnu K**

***DevOps Engineer***

# PROFESSIONAL EXPERIENCE

**DevOps Engineer**

**Core tech refresh Project May '22 – Present**

* Experienced in setting up and managing kubernetes clusters on on-premise and Azure (AKS).
* Strong understanding of Kubernetes architecture, including various Kubernetes objects such as pods, services, deployments, configmaps, and secrets.
* Experience in designing and implementing Kubernetes-based solutions for containerized applications, including containerization, scheduling, scaling, and management.
* Experienced in developing and deploying Helm charts, including managing Helm repositories and releases, and upgrading Helm charts.
* Proficient in working with a range of DevOps tools and processes, including Jenkins CICD pipelines, Jira auto deployment, Dynatrace, ELK, WebLogic and Mirantis.
* Collaborated closely with developers, QA and Product support teams to identify and resolve build, environment, SCM and tools related issues.

## IETL Project Jul’21– Apr’22

* Proficient in automating end-to-end deployment processes for ADB, ADF, and SQL pipelines using Azure DevOps, resulting in faster and more reliable deployments.
* Managed complete project lifecycle, including requirement analysis, system study, build and release management, deployment, testing, debugging, documentation, and implementation, ensuring timely delivery of high-quality software applications.
* Experienced in creating and managing Azure resources such as Virtual Machines, Storage Accounts, and Virtual Networks, to support development and deployment activities.

**AIA Vitality Apr '20 – Jul ‘21**

* Proficient in working with GIT version control, including setting up branches, merging branches, and managing releases.
* Skilled in understanding build flows, debugging build failures, and supporting timely developer releases.
* Experienced in creating end-to-end CICD pipelines using Jenkins, including build, deployment, containerization, and leveraging tools such as SonarQube, Nexus, Docker Hub, etc.
* Experienced in installing plugins, setting up slaves, maintaining shared libraries in Jenkins.
* Proficient in creating custom Docker container images, tagging, and pushing images to registries.

**AIA Vitality Active Aug’17 – Mar’20**

* Proficient in analyzing BRDs to develop test plans, estimates, and scenarios that ensure comprehensive testing of web applications.
* Skilled in automating web application tests using Selenium and TestNG to improve test efficiency and accuracy.
* Experienced in preparing and running performance tests on different applications using JMeter to identify and resolve performance issues.
* Proficient in performing API tests using tools such as SoapUI, REST, and Postman to ensure seamless integration between different software components.
* Experienced in integrating tests into Jenkins pipeline jobs as part of continuous testing to ensure early detection of defects and streamline the release process.

**EDUCATION**

**Kannur University, Jul '12 - May '15**

**Kerala**

**B.Sc. – Electronics**

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**PROFESSIONAL SUMMARY**

**Consultant at CAPGEMINI India Pvt Ltd. (March 2017 – Present)**

Experienced professional with 6 years in DevOps and testing, proficient in various DevOps tools and experienced in CICD pipelines, containerization and configuration management with tools including Git, GitHub, Docker, Kubernetes, Azure, etc. Excited to work in a creative and competitive environment that fosters personal and professional growth.

# TECHNICAL SKILLS

* **Tools: Git, Maven, Bit bucket, GitHub, Jenkins, Ansible, Docker, kubernetes, Helm, Azure DevOps, Jira, Nexus, sonarqube, Jmeter, Terraform**
* **Scripting: Bash/Shell, Jenkins pipeline with groovy, yaml**
* **Cloud: Azure, AWS**
* **Monitoring tools: Dynatrace, ELK, Mirantis**
* **Webservers: Apache, Tomcat, WebLogic**

**Certifications/Badges:**

* **Aws cloud quest cloud practitioner badge**
* **Scrum Foundation Professional Certificate**

**MOOC**

Self-learning from Udemy, Pluralsight and YouTube.

Exploring and learning technologies, DevOps tools, Cloud computing, etc.