**Bhargav Reddy Konapalli**

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**PROFESSIONAL SUMMARY**

* **20 months of experience** in practicing **DevOps, CI/CD**, **Infrastructure automation**.
* **3 months** of **IT** experience in design and development of client/server and web applications.

**EXPERTISE:**

* Excellent understanding of SCM tools such as **Git, Bitbucket** and **GitHub**
* Strong exposure to creating **Docker images** and **Docker containers**.
* Experience in various roles as **DevOps, Cloud Engineer** with excellent experience in Software Integration, Configuration, Packaging, Building, Automating, managing.
* Strong exposure to both **AWS** and **google** cloud platforms
* Strong hands on experience in scripting languages such as **Groovy, JSON, YAML, Shell scripting**.
* Extensive experience in setting up **CI/CD pipelines** using tools such as **Jenkins, TeamCity, Maven, Nexus, and Docker.**
* Experience in integrating code quality tools such as **SonarQube, JaCoCo** in CI/CD pipelines.
* Strong exposure to configuration management tools such as **Chef, Kubernetes and Docker**
* Strong knowledge on practicing automating Junit tests using **Maven** in **Jenkins**.
* Strong knowledge in Tomcat, WebLogic servers on different OS’s like Windows, Linux VMware.
* **Trained** **development teams** on **GIT** usage, **SonarQube**, **Jira &Confluence**, **Fisheye Crucible** and **best practices**.
* Worked with project documentation and documented other application related issues, bugs on internal wiki website.
* A highly motivated, energetic individual, a team player with excellent communication and inter-personal skills

**EDUCATION:**

* Bachelor’s Degree in Electronic and communication From M S Ramaiah Institute of technology, India 2012 – 2016 (CGPA 7.94/10)
* Master’s in Computer Science from State university of New York at New Paltz. 2018 – 2020

**TRAINING:**

Docker hands on training on AWS and google cloud, Kubernetes hands on training on google cloud, Java

**TECHNICAL SKILLS:**

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| **Cloud platforms**: | AWS, Google |
| **Framework/DevOps tools** | Maven, JIRA, SonarQube, Nexus, Jenkins, TeamCity, Bamboo,  Fisheye crucible, confluence |
| **Build Tools** | Ant, Maven |
| **SCMs** | Git, GitHub, Bitbucket |
| **IAC Tools** | Chef |
| **Containers** | Docker, Docker Swarm, Kubernetes |
| **Application/Web Servers**: | Tomcat, Apache 2.x/1.3.x, |
| **Operating Systems**: | Ubuntu 16.0.4, Linux, Windows, |
| **Databases**: | SQL Server, MySQL |
| **Programming Languages**: | Java, Python |
| **Scripting & Other Tools**: | UNIX Shell Scripts (Bash), Git Bash, Putty |
| **AWS Services** | IAM, VPC, EC2, ECR, ECS, Code Commit, Code Build, Code Deploy, Cloud Formation, CloudFront, Route 53, Cloud Watch, Aws Auto Scaling. |
| **Google Cloud Services** | IAM, Compute engine, Kubernetes, Load Balancing. |

**PROFESSIONAL EXPERIENCE**

**Organization: Cybage Software Pvt. ltd Nov-2016 to June-2018**

**Position - Software Engineer (ALM & Devops engineer)**

**Clients – Multiple Clients**

I am responsible for managing AWS resources in cloud and maintain Continuous Integration and Continuous Deployment (CI/CD) pipeline for fast paced robust application development environment. As a member of onboarding team, my responsibility is to implement DevOps transformation by working with agile teams to migrate applications to AWS/Google cloud platform.

**Responsibilities:**

* Setup repos on **Git,** merging code from develop branch to master branch and make it ready for deployment.
* Migrated legacy applications by setting up CI/CD pipelines.
* Created nightly builds with integration to code quality tools such as **SonarQube**.
* Helped teams to reduce defects rate by 30% by introducing **TDD** in first 3 months.
* Created quality gates in **SonarQube** dashboard and enforced in the pipelines to fail the builds when conditions were not met.
* Set up the SonarLint plug-ins in developer’s workstation for detecting defects early during development.
* Dockerized application by creating **Dockerfile** and automated Docker image creation, image push into docker registry/AWS Elastic container registry.
* Trained development teams for tool usage and efficiency
* Prepared and presented best practices for implementing continuous integration for the team

**Environment:** Git, AWS, Bitbucket, Docker, Windows Servers, JIRA, Confluence, SonarQube.

**Organization: Gopal Farm LLC June-2019 to Aug-2019**

**Position – Inter (Web App development)**

**Clients – Internal**

I was responsible for creating a website for the farm activities and maintaining the database and pulling out reports for stock.

**Responsibilities:**

* Designing Website with JavaScript for server side and Vue js as client side.
* Integrating with CSA website (farmigo).
* Customer Relations and management with HubSpot, MailChimp & Zendesk.
* Automated Reporting feature, Sale feature and integrating it to website.

**ACADEMIC PROJECTS:**

* Collective Transportation of Objects (OpenCV, Python): Implemented a swarm of self-learning miniaturized robots to transport an object to a pre-defined destination in real-time; and to produce motion paths using Occluded Strategy.
* Exercise Tracking web – Designed Website for tracking user Exercise using node js & vue js