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:

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