Shrinidhi **Kulkarni**

SOFTWARE ENGINEER

(+91) 9731027661 | srkulkarni0104@gmail.com | https://shrinidhirkulkarni.surge.sh/ | Shrinidhikulkarni7 | Shrinidhi-Kulkarni

"Be the change that you want to see in the world."

Summary

Hi, my name is Shrinidhi, my field of interest are devops and research I'm hard worker and a collabrative team member with leadership quality.

Work Experience

IBM   *Bangalore,India*

DEVOPS ENGINNER   *July 2020*

- Working on Cloud Object Storage in IBM cloud

Betsol   *Bangalore, India*

SOFTWARE ENGINEER   *July 2017- July 2020*

- Architected, implemented, and automated devops for Betsol's second version of Leto (running Python, Bash, Linux, Docker, Docker-Swarm) that would support more than twice as many interactions per second, significantly improve infrastructure scalability, and exponentially increase reliability and overall 'trust' in the platform as compared to the end-of-life legacy environment.
- Monitored servers, implemented alert manager using Prometheus, Grafana and Alert Manager
- Filtered the logs, maintained them, displayed them using ELK stack and filebeat
- Used Gitlab CI/CD to make process easier
- Obfuscated the entire codebase to restrict access for others
- Maintained backups regularly, had zero data loss
- Zero downtime maintained for the product
- Implemented many Linux concepts like password-less root authentication, transferring files without prompts, scp,ftp etc
- Automated the deployment process
- Implemented copyright using githooks
- Wrote extensive and detailed documentation to reduce new DevOps teammates' onboarding time measured by 'time to first commit or resolved issue'
- Worked on a product called Leto for integration and automation using Shell, Python, Docker, Django.
- Developed the backend of the second version of Leto using Node,Knex and Postgres.
- Built resume parser and a tool for speech analysis for the exam platform.
- Made a chatbot using api.ai

Education

PES Institute of Technology,South Campus   *Bangalore*

B.E. IN COMPUTER SCIENCE AND ENGINEERING   *2013-2017*

Jain PU college   *Belgaum*

SENIOR SECONDARY (10+2)   *2011-2013*

Projects

Oracle Client for Alpine Linux

ADDED ORACLE INSTANTCLIENT SUPPORT FOR ALPINE

Swift Auth

A CHROME EXTENSION THAT IMPLEMENTS 2FA AUTHENTICATION USING FACE AND VOICE RECOGNITION AND ALSO SUPPORTS SHARING OF SECURE AUTHENTICATION LINKS

Sordo Aid

Worked on an app that translates real time voice in a group conversation to text,helpful for deaf,with help of Microsoft Azure API.

Ad Blocker

Automatic TV Ad Blocker using Audio Fingerprinting.

Fake news detector

A chrome extension which goes through all the links in real time and verifies whether the post is original or not before clicking the link.

Skills

- Linux
- Docker Swarm
- Docker
- Jenkins
- Kubernetes
- Chatbots
- IBM Cloud
- AWS
- Git
- Gitlab CI/CD

Programming Skills

- **Web:** JavaScript, NodeJS, Express,Django, React-Redux.
- **Scripting:** Python, Bash, Powershell
- C,C++
- LaTex

Honors & Awards

2016	**Runners-up**, SLAC Hackathon by Amrita University	*Bangalore*
2017	**Runners-up**, SLAC Hackathon by Amrita University	*Bangalore*
2015	**Finalist**, Inmobi Hackathon	*Bangalore*
2018	**Team Award**, Betsol	*Bangalore*

Extracurricular Activity

Effective utilisation of Chatbot

Wrote a blog on creating and utilising the Chatbot webservice in effective way. The blog was published by Chatbot's life.

https://chatbotslife.com/how-to-effectively-use-the-chatbot-b2b32c01382c

Docker auto restart

Found a way to have auto restart for Docker IO.

https://medium.com/@davidcesc/docker-auto-restart-for-docker-io-ac61eb1ec13

Exposing the local server behind a firewall to internet.

Hosted a local web server to public and easier way for file transfer

https://medium.com/@davidcesc/simple-things-can-change-the-thinking-f165ca1817c1

Storing images in database

FOUND A EFFICIENT AND SECURE WAY OF STORING IMAGES TO DATABASE.

https://medium.com/@davidcesc/storing-images-in-database-1de374c3ed17

Follow the link here

MORE RESEARCH AND BLOGS

https://shrinidhirkulkarni.surge.sh/blog/