BHUSHAN RANE

Problem solver, Gamer, Musician and Ponderer

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📍 Mumbai, India

SUMMARY

DevOps, Data science practitioner and production engineer with proficient understanding of manufacturing processes, analytics, software and business operations, being able to quickly assimilate information, draw conclusions and confident about presenting insights to both technical and casual audiences.

Being creative and analytical, I like to see technology through business perspectives with a keen interest in automation and data driven solutions.

PROFESSIONAL EXPERIENCE

Sr Engineer

Sugarbox Networks   📅 11/2021 - Ongoing   📍 Mumbai, India

Edge cloud, CDN and Internet industry

- Developed healthD program to evaluate and alert JIRA, Slack with provision for full customization of alert bodies
- Implemented and administered end-to-end monitoring and alerting pipelines for CDN and Edge nodes

Sr DevOps Engineer

Sugarbox Networks   📅 02/2021 - 11/2021   📍 Mumbai, India

- Implemented and administered 15 node Hadoop, 10 node Kubernetes, 15 node Kafka, 6 node Elasticsearch, 9 node NiFi, 6 node OpenTSDB clusters
- Migrated various data platform deployments like Supserset, Confluent Schema Registry, Druid, Clickhouse from traditional VM to Kubernetes cluster to support scalability, fault tolerance and concurrency
- Implemented Debezium CDC mechanism against MySQL database using Kafka connect libraries
- Developed a timestamp's hash based password manager program that periodically changes Linux user passwords on offline edges without using any central database
- Developed API gateway application in python's fastapi library which listens for alerts generated by Bosun application to processes them for JIRA customization and generate Kafka event
- Involved in customizing Debian OS ISO files for Edges and CDN nodes

Systems Engineer

Sugarbox Networks   📅 04/2020 - 02/2021   📍 Mumbai, India

- Developed Grafana business data dashboards
- Developed NiFi pipelines and basic Spark data processing applications

MY LIFE PHILOSOPHY

What we know is a drop, what we don't know is an ocean.

Isaac Newton

SKILLSET

Industry Knowledge

Project Management   Agile Methodology

DevOps Philosophy   Leadership

Technical Knowledge

Operating Systems   Distributed Systems

Event driven systems   Big Data Analytics

Cloud Computing   Virtualization

Containerization   Microservices

Automation   Internet   IoT

Tools and Technologies

Linux   Kubernetes   Docker   Ansible

Spark   Kafka Stack   Hadoop Stack

Superset   NiFi   ELK Stack   GCP

Grafana   Prometheus   OpenTSDB

Bosun   MySQL   MongoDB   Git

GitHub Actions   REST APIs   JIRA APIs

Slack APIs   GSuite   Microsoft Suite

Programming Languages

Python   Bash   SQL   GoLang

PROFESSIONAL EXPERIENCE

Sr Support Quality Engineer

Alfa Laval India Pvt Ltd   📅 07/2015 - 04/2020   📍 Pune, India

Specialized products and solutions for Heavy Industries

Inplant trainee

Godrej and Boyce Mfg Ltd   📅 06/2014 - 12/2014   📍 Mumbai, India

Personal, safety care and industrial products

CERTIFICATIONS

Lean Six Sigma - Green Belt

Alfa Laval, India

Global Certification in Data Science

INSAID, India

TRAINING / COURSES

The Unix Workbench on Coursera

John Hopkins University

Introduction to Mathematical Thinking on Coursera

Stanford University

FIND ME ONLINE

GitHub
@drtinkerer

LinkedIn
@bhushanrane29

I SPEND MY DAY AS
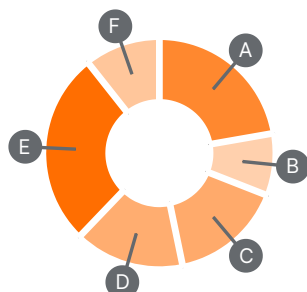
- A — Upskilling
- B — Gaming
- C — Exercise and Meditation
- D — Brainstorming on ideas
- E — Reading books
- F — Music

EDUCATION

Bachlors of Technology, Production Engineering

VJTI   📅 07/2011 - 05/2015   📍 Mumbai

AWARDS AND RECOGNITIONS

Ace of Spade
📅 2021

Exceptional quarterly performance award

Project Moonlight Star
📅 2020

Exceptional performance award for consumer experience intiative

PERSONAL TRAITS

Original and authentic thinker
Ability to add different angles and perspectives to thoughts

Empathetic human being
Helping by nature and possessing deep concerns for all life forms

Volunteering and Mentoring
As we grow older, you discover that we have two hands — one for helping ourselves, the other for helping others

LANGUAGES

English   Proficient   ●●●●○

Hindi   Native   ●●●●●

Marathi   Native   ●●●●●