Sarath Babu P. B

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Aspiring for a challenging position with a leading organization, where my knowledge and experience can be enriched and enhance the organization's bottom-line profitability.

Skills

- Java, Python, GoLang, PHP, ReactJS(basic)
- Clouds (AWS, Openstack, VMWare VCD/VIO)
- Kubernetes, Docker
- Confluent Kafka, NATS, Redis
- Pytest, JUNIT, Spring Framework(+batch)
- Fluentd, Nginx

- Microservice Architecture
- Algorithms, Data Structure
- Multi-threading
- Jenkins CI/CD, JIRA, Confluent, Agile
- SQL (MySQL, Oracle) & NoSQL (MongoDB)
- OS – Ubuntu, Windows

Work Experience

MAY 2021 – TILL DATE
Senior Engineer / Proposify
Halifax, Canada

- Took part in an initiative to revamp our backend layer to scale with the help of containerisation and Kubernetes.
- Worked on several pricing table features and improved performance related bottlenecks.
- With the help of Tray workflow engine, developing several solutions to connect multiple third party libraries.

SEP 2018 – MAY 2021
Senior Member of Technical Staff / DZSi (formerly Rift), Bangalore, India

- A cloud orchestration startup where I worked on several cloud technologies in a fast-paced environment.
- Single-handedly developed features such as SFC, Cloud resource audit etc.
- Pioneered in developing VNFFG features and showcased in MWC19.

- Scaled our system which can deploy 15k network services to 4000 datacenters, in which each NS can have up to 200 VMs, without any hassle with the help of Kubernetes and microservice.
- Developed BPMN based workflows for bare metal provisioning and NS orchestration.

JUNE 2017 – AUGUST 2018

Senior Associate / Morgan Stanley, Mumbai, India

- Sole developer of Historical Look Back Analysis project which deals with terabytes of historical data to calculate treasury fund with the help of Java 8 concurrency library and distributed systems
- Developed highly scalable systems which can process a massive amount of data and requests by adopting service-oriented architecture (SOA)
- Gained financial knowledge in areas such as collateral management, treasury risk, and other risk domains

JULY 2014 – JUNE 2017

Assistant Manager / Citibank N.A, Pune, India

- Worked on 2 Trillion-dollar balance sheet forecasting application, which showed the next five years balance sheet trends in different market scenarios.
- Developed several applications for financial reporting and monitoring in risk management segment.
- Requirement gathering, client interaction and on time delivery.
- Gained financial knowledge related to trading and risk management.

Education

2010-2014

B. Tech/ National Institute of Technology, Calicut (NITC)

- Major: Computer Science and Engineering
- Submitted a paper on Movie success prediction using IMDB data