

Vibhas Goyal

Software Developer
4Yrs of SDE Experience,
B.Tech CSE IIT-H
Kubernetes, NGINX, C++, GoLang, Java

Contact:
+91 7008533361
vibecoderdev@gmail.com
vibhas777@gmail.com
Twitter/GitHub:
@vibecoder
www.vibecoder.dev

Experience

Oracle Analytics Cloud, Bengaluru/Remote

Software Developer IC2 (2020 - present)

Oracle Analytics Cloud (OAC) to multi-tenant OAC cloud microservice.

- Migrated a monolith from microservice architecture Kubernetes.
- Changed the base code (Java,C++) into multiple for multi-tenant identifying bugs.
- Migrated base infra pipelines from ant to gradle.
- It also involved developing test cases and creating infra setups for automatic tests using JUnit to test connectivity across multiple data sources ensuring that customers are able to connect their own data to our service in a secure encrypted pathway.

Developed the Remote Data Gateway microservice for Oracle Analytics Cloud (OAC) on Kubernetes and Docker.

Built custom NGINX microservice for a custom controller for which now a patented technology for load balancing is being worked on.

This custom controller offered further flexibility while developing an architecture for high performing data pipeline inlet from a foreign cloud into our data analytics platform.

Oracle Application Labs, Bengaluru

Software Developer (IC) (2018 - 2020)

Developed and Implemented LeadBridge, a highly configurable data pipeline using Java and Spring MVC.

Lead Bridge enables sales teams across the globe to target customers in a way which ensures integrity and structure of data, prioritises important data,

generates scores for customer data and assigns leads to sales reps based on their preferences and availability.

LeadBridge is currently being used as their preferred backend solution by ~1k sales rep, creating 4-5k potential leads every day.

Also, I migrated this project from plain JavaEE on the backend and now it is able to process thousands of records for Sales teams in realtime using Spring, Hibernate, JPA, Quartz and other such newer libraries.

Education

Indian Institute of Technology, Hyderabad

B.Tech in Computer Science and Engineering Science with a Minor in Entrepreneurship

(CGPA : 7.48) (2014 - 2018)

IIT Hyderabad is one of the top prestigious engineering colleges in India and has worldwide recognition.

E-Cell IITH - Student Head

May 2016 - May 2017 , Manager (May 2015 – May 2016)

I served as Student Head of E-Cell IITH. E-Cell is a student body which promotes Entrepreneurship among the students. As the student head of E-Cell, I carried out responsibilities which mainly included managing all the teams within E-Cell 10-12 members. The team was responsible for organising the biggest student-run hackathon in collaboration with IIT Hyderabad.

HungerTorrent

Cofounder, Tech

August 2015 - November 2015

HungerTorrent was implemented as a social food delivery system for easy delivery and logistic support especially in remote areas such as at IIT Hyderabad. We developed a scalable infra for our project which was successfully able to handle close to 150 - 200 live orders a day at a very cheap cost leveraging DigitalOcean Cloud Infrastructure.

Projects

StoryXpress, Gurgaon - *Application Developer*

May 2017 - January 2018

Worked on the implementation and deployment of client side applications that helped the users to develop videos from templates by using integrated API's through photos and audio provided as an input to the application. The development process involved integrating various new technologies such as NodeJS, ReactJS, Python, OpenGL, and Docker

Distributed Mining Pool Implementation for Cryptocurrencies (Dr. Satya Peri)

June 2017 - December 2017

This project involved an in depth research on cryptocurrencies such as BitCoin in order to create a distributed mining pool for them where every miner whose job is to create a hash of a particular difficulty for a given set of transactions in exchange for a reward, come to a consensus among themselves for the distribution of each miner's work and then the distribution of the reward according to each miner's contribution.

Machine Learning Project (with Dr. Vineeth Balasubramaniam)

July 2016 - December 2016

The main objective of the project was to implement a Multi View Cluster in which data attributes were split into two data sets, such that either one would suffice for learning a model which was used to predict social graphs among similar users in social media. This dataset was then combined to get better accuracy than the original model. We applied a unique approach to merge the dataset with it's line inverse to create a model with better prediction.

Lexer and Parser Development (COOL Language Generation and Syntaxing) :

The objective of the project was to develop the lexer and syntax parser for the COOL programming language using antlr4 which is a Java utility tool for developing the programming language compiler.

Demand Forecast Tool Development (IBM) :

We designed the front-end of the Demand Forecast Tool (DFT) which helps IBM managers to better manage their human resources. The development of the project involved working with NodeJS and Docker and other interesting web technologies.

Relevant Skills

Kubernetes, NGINX, Minikube, Istio, Prometheus, Grafana, ElasticSearch, Lua, Python, C++, Gradle, Java, Spring MVC Framework, Hibernate, Jackson, Lombok, GoLang, Docker, Kafka, Zookeeper, Jenkins, NodeJS, ReactJS, ES6, Git, Maven, oracleDB, ArchLinux, NeoVim, Bash, JAX-RS, SAFe

References

Sunil Raj - Senior Architect , OBIS (+91 918806922557)

Giri Jagumantri - Principal Member of Technical Staff (+91 918806922557)

Ankit Raj - Senior Developer, Oracle (+91 9731677332)

Sadhan Kumar - Senior Developer, Oracle (+91 9677986371)

Chinmay Jindal - Co-founder, StoryXpress (+1 6125176651 , +91 8374050021)

Pratul Gupta - Product@Razorpay | Oracle (+918806922557)