

PIYUSH VERMA

spverma536@gmail.com — in/piyush-verma — github.com/spverma536 — medium.com/piyush-verma — +91-8383802821

SUMMARY

Strong engineering professional with 3+ years of experience in developing and scaling high-performance distributed systems that involve large amounts of data and multiple components. Proven ability to lead and deliver complex projects on time while being as cost efficient as possible.

EXPERIENCE

Disney+ Hotstar

Remote

Software Engineer 2 (Java, Go, MySQL, Redis, Kafka, SQS, K8s, CI/CD) Jul'21 - Present

- Created and owned Partner Orchestrator service to onboard partners easily on platform which **reduced our SLA from 3 days to 1 day**.
- Solved long cold start during pod scale-ups and scaled critical read APIs to **8M rpm** concurrent requests by removing DB dependency and making it **truly horizontally scalable**.
- Revamped legacy subscription service to enable **TVoD** support along with **SVoD and AVoD**.
- Fine tuned spring JDBC configurations for pre-warmed connection pools to RDS and Elasticache and solved G1-GC for sudden spikes during live match traffic.
- Led the development of VoD sampling to free user which increased ad revenue and d2c subscribers.
- Delivered **first ever Free Trial experience** to users during Asia/World cup while setting up autopay mandate for future conversion which added **50K+ paid** subscribers.
- Implemented **SQS message scheduling** for different life cycle events instead of scanning DB
- Built support for **Guava async caching** which helped solving short spikes for high CPU due to concurrent cache refresh.

Hashedin by Deloitte

Remote

SDE (Java, ReactJS, Docker, GCP, Spring Boot) Mar'21 - Jun'21

- Designed and created a portal for vendors to try and test our SaaS apis and it's documentation. Earlier it was done via exchanging cURL docs.
- Implemented different role based authorization which was very verbose previously

EDUCATION

Guru Gobind Singh Indraprastha University, Delhi

Aug '17 – July '21

Bachelor of Technology in Information Technology

GPA 8.1

OTHER ROLES/CONTRIBUTIONS

- **Problem Setter** at HackerEarth '21.
- **Teaching Assistant** at Scaler Academy (2022 - Present)
- Winner at **LSD Nagarro** in 2019
- **Arctic Code** vault contributor (a github archive program)
- Created a **Digital Classroom** during college innovation hackathon with live classes, chat rooms assignment features. [Code](#)

CODING PROFILES

- Got rank **535** in TCS CodeVita 2020
- Under **Top 5** in Ultrahack's HackDelhi hackathon 2019.
- [CodeChef](#) :- @jonson202019: **2072 (5 star)**
- [CodeForces](#) :- @spverma: **1709 (Expert)**