

EXPERIENCE

- Zee Entertainment Enterprises Limited** Bangalore, India
Associate Software Development Engineer - Core Backend Services team *Jul 2022 - Present*
 - **Merchandiser Tool:** Cohort based recommendation - Developed a tool which helped in getting all the users then segregating based on constraints , analyze the data and **provide recommendation for a group of users** belonging to a certain cohort using **Java -SpringBoot** which increased the business effectively and got an opportunity to get hands on the low level and high level designs.
 - **CronJob Tool:** For the Indian Customers - Worked on developing a Cron job service which had to run every half an hour to populate the compressed data in **Redis** which can be accessed at much faster pace by other services rather than fetching it from a conventional **NoSQL DB and using NodeJs** which actually reduced the **response time of most of the services by 40 - 50 %** , and got a chance to setup the whole workflow for the application in AWS and GCP.
 - **Migration:** Worked on migrating the most crucial part of which was one whole page of our application that had an approximate of **3 to 4 million hits per day** from **php to Java Vertx and nodeJs**, reduced the response time by 40%.
 - **Internal Tools:** Developed an application which helped the team to completely reduce manual interventions in providing subscriptions and renewing it for all the employees.
 - **Issues:** Handled the issues where I had to handle caching of continuous flow of data with **hit : miss ratio** from 55% to 85%
Found the root cause for the **memory leaks in our asynchronously running services** which in turn were causing the **pod restarts, every 20 minutes to once in a day**
 - **Documentation:** Documented the architecture and flow of the Merchandiser tool, maintained documentation for new developers to understand the codebase effectively.
 - **Tools & Technologies:** Java SpringBoot , NodeJs ,PostgreSQL, Kafka , Php , MongoDB , Vert.x , AWS, Docker, Redis , GCP , Kubernetes , Apache Solr , ArgoCD
- Zee Entertainment Enterprises Limited** Bangalore, India
SDE Intern *Jan 2022 - Jul 2022*
 - **Internal Tool:** Built an internal tool where the content team could keep track of content going on air and being released on the platform.
 - **UI/Frontend:** Developed an UI to facilitate the team for smooth experience and a simple design which is easy to understand and handle.
 - **Tools & Technologies:** Springboot , ReactJs , Thymeleaf , MySQL , MongoDB

EDUCATION

- PES University** Bangalore, India
Bachelor of Technology in Computer Science and Engineering; GPA: 7.6/10.0) *Aug. 2018 - July. 2022*

PROJECTS

- **Mock of an OTT Platform:** Performed authentication using Redux tools with react and JWT authentication. Reduced the latency of logging in and verifying the user.**Tools:** SpringBoot , ReactJS , MongoDB , Postgres

PROGRAMMING SKILLS

- **Languages:** C++,Java,SQL,Python,Javascript
- **Technologies:** SpringBoot , ReactJs , Kafka , Kubernetes , Docker , Github **Interests:** Blockchain , Networking

PUBLICATIONS & ACHIEVEMENTS

- **Publication:** RFID based Authentication System
- **Finalist:** Blockchain Hackathon conducted by Matic and Binance