RISHABH VERMA

Software Development Engineer

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github.com/rishabhverma17 📍 Bangalore, India

SUMMARY

Problem solver with experience in developing low latency, highly scalable, fault-tolerant, distributed backend services and evolving the architecture for performance and scalability.Experience of Object-Oriented Programming, Object-Oriented Design, Event Streaming, Data Structures and Algorithms, Prevalent Design Patterns, Caching, NoSQL, RDBMS.

EXPERIENCE

Software Development Engineer
Yatra Online Pvt Ltd (Yatra.com)

📅 Jan 2020 – Ongoing 📍 Bangalore, India

Online Travel Company

- Focused on developing low latency and highly scalable distributed backend services for Yatra Hotels.
- Designed a central logger service for all external microservices metric logging. This service is made agnostic and easy to integrate with other microservices.
- Working on improving the existing Dedup content pipeline for Auto Suggest Microservice.

Software Development Engineer
Delhi Integrated Multi Modal Transit System (DIMTS)

📅 Jan 2019 – Jan 2020 📍 New Delhi, India

Public Transit

- Designed DMRC and DIMTS Reconciliation system which reduced reconciliation time by 80% and also eliminated manual effort.
- Developed tool for automated recovery of trips and shifts corrupted due to operational issues of ETM machine.
- Redesigned ETM Challan module so that ETM machines can be moved more than once a day, thus reducing ETM Movement cost by 30%.

Software Engineer
Aperta Limited

📅 Aug 2016 – Jan 2019 📍 Coimbatore, India

FinTech

- Developed Bank's in-house utility which interacts with Core banking system (CBS) and Cheque truncation system (CTS).
- Reduced the time by 75% to process 70,000 to 1, 00,000 instruments from 16 seconds to less than 4 seconds by redesigning the algorithm.
- Developed CHM utility which reduced time by 30% to extract banking software's business rules sent from RBI and update all Nodal branch systems remotely over network.

Software Engineer Intern
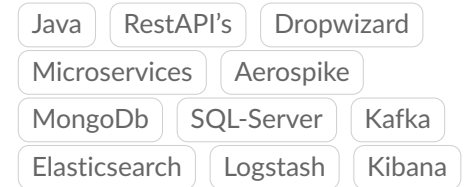**Defence Research and Development Organisation (D.R.D.O)**

📅 June 2015 – July 2015 📍 New Delhi, India

- Designed a virtual reality environment to perform experiment for learning cognitive enhancement by navigation training. Results indicated that soldiers trained with survey perspective view performed at least 30% more accurate than those with route perspective.

TECHNOLOGY

</> **Tech Stack**

Java RestAPI's Dropwizard Microservices Aerospike MongoDb SQL-Server Kafka Elasticsearch Logstash Kibana

>_ **Tools**

Git Jenkins Kubernetes

EDUCATION

B.Tech in Computer Science
Sharda University

📅 Jul 2012 – May 2016

PROJECTS

GestureIT
Sharda University

📅 Jan 2016 – Apr 2016

gestureit.rishabhverma.in

- A gesture-based hardware control system which aims to allow the user to control a hardware device using natural gestures wirelessly.

Slang Translator
Open Source

📅 Jan 2016 – Jan 2016

github.com/rishabhverma17/sms_slang_translator

- Python script that takes input from user and finds any abbreviation available in it as described in text file, If found it will replace it with its corresponding phrase.