

# Prateek Verma

## Software Development Engineer

Software engineer, with 4+ years of experience in software design, development and testing. Contributed to the development of highly scalable and available systems. Interest in solving real-world problems with tech-driven solutions.



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## WORK EXPERIENCE

### Software Engineer I & II Precisely | Trust in Data

09/2021 - Present

Bengaluru, India

#### Achievements/Tasks

- B2B system profiler, used Kafka and REST APIs for storing and processing the metrics.
- Implemented SSL-enabled channel for server-client communication for APIs.
- Implemented critical customer-specific features in the product, and resolved the bugs reported.
- Automation of fixing critical security issues.

### Software Development Engineer Consultant Flipkart

07/2020 - 09/2021

Bengaluru, India

#### Achievements/Tasks

- Successfully implemented auto resiliency in the systems Redis network calls.
- Contributed to file processing tool to update DB, it included UI and API components.
- Improved the availability of the API call and handled fail-over conditions.

### Software Engineer Lucid Software Limited

05/2019 - 07/2020

Chennai, India

#### Achievements/Tasks

- Successfully developed Marietta for images analysis, finding defects with specific pixel values.
- Contributed to KovidRT by adding new features, an image analysis application.
- Developed data Ingestion APIs for serving the data to image rendering tools.

## EDUCATION

### Integrated (B.Tech + M.Tech) in Computer Science & Engineering IIITDM Kancheepuram, Chennai

06/2014 - 06/2019

#### Courses

- Data Structures, OOPS  
Algorithms & Analysis,  
DBMS, and Operating  
System.

## SKILLS

Java

NoSQL

Data structures

Algorithm

Spring framework

redis

kafka

script

CI/CD

## PROJECTS

### Queue Watcher V1.0 (03/2023 - 09/2023)

- Stored JVM system metrics in the Kafka streams.
- Used RET APIs and UI to get correlation which helped the users to make critical decisions on business process.

### Auto Resiliency (06/2022 - 07/2022)

- improved the latency and fault tolerance for network calls including Apis, Redis and mongo calls.
- Added Dashboard to overview the system metrics.

### Marietta (09/2019 - 02/2020)

- Developed UI component to visualise the image.
- implemented the image flow pipeline.
- accepting and rejecting the image and store it to a network dir.

### IWR Dasboard (03/2020 - 05/2020)

- A real-time system metrics for the batches of resume processing.
- Detailed listing of failures and success and potential factors.

## ACHIEVEMENTS

### IBM Hack Challenge Winner (09/2019 - 09/2019)

*Social-media Health Analysis and Display Engine (SHADE).*

### D4R (05/2019 - 05/2019)

*discovering relocating clusters of refugees (Turkey) based on CDR data.*

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Reading

Travelling

Cricket