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# Dhrumil Joshi

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MindSpace  
Mumbai, Maharashtra

## Experience

### J.P. Morgan Chase & Co.

Software Engineer II - Mumbai, Maharashtra

01/2021

- Working on optimization of the newly migrated infrastructure in terms of technical upgrades and enhancements along with business deliverables in channel
- Implemented a separate microservice for reporting purpose. Rest of the microservices can leverage this service asynchronously via Eventing.
- Implemented a microservice to enhance and strengthen the support model of the team. This microservice runs Cypress Automation Test scripts for each of the web-application, mines splunk for error logs, collects other useful metrics for application monitoring and sends an automated mail at a scheduled time to the support team every day in order to reduce the manual work of testing each app.
- The support service also categorises service tickets based on severity and auto assigns it to the suitable support person.

### J.P. Morgan Chase & Co.

Software Engineer I - Mumbai, Maharashtra

07/2019 - 01/2021

- Involved in major architectural redesign for moving from legacy infrastructure with Monolithic design to Microservice Infrastructure having 3-Tier De-Coupled Web Apps using Java, Spring Boot, Apache Kafka (asynchronous data replication cross two different databases), Oracle (RDBMS, Data Integrity), Amazon S3 (Object Storage) and Elasticsearch( Non-Relational)
- Utilized Spring Cloud Data Flow(SCDF) Framework for scheduling Intra-day, daily, weekly ETL and Reconciliation jobs
- Wrote data migration tasks to migrate data from Ms SQL DB to Oracle DB with major Schema and Model changes. Configured these tasks to run as independent containerized microservices on the cloud infrastructure leveraging SCDF.
- Redesigned and developed Data Models, APIs and services of applications to fit the new architecture
- Created dashboards using Grafana to leverage metrics from various data sources for analytics and visualization of attributes contributing to performance and health of microservices

### J.P. Morgan Chase & Co.

Software Engineer Intern - Mumbai, Maharashtra

05/2018 - 07/2018

- Planned, implemented, developed and deployed a Health Tracker Web Application that monitors various metrics of other business critical applications, servers and segregates them on to a dashboard for robust observation
- Developed the user interface using Angular Framework and the micro service using Spring Boot Framework
- Implemented functionalities such as showing queue depth of IBM messaging queue and having an alerting mechanism based on threshold depth, mining Splunk logs for Errors and Exceptions based on threshold, integration with Dynatrace to show application performance based on configurable metrics
- Wrote scripts for deployment of application to organization's private cloud

## Humsafar Trust (NGO) - Force For Good Initiative organised by J.P. Morgan Chase & Co.

Software Developer - Mumbai, Maharashtra

10/2019 - 06/2020

- Developed a mobile application for a Non Profit Organisation using Ionic Framework in Android. Used Digital Ocean Cloud to deploy micro service written in Spring Boot Framework acting as a middleware between the mobile app and MySQL Database(Relational Data Store).
- Application main features included SOS features with Live location tracking and assistance through automatic phone call / email to NGO helpline in case of emergency, NGO related Event management (Subscribe to Upcoming events , etc), community feedback collection for NGO to continuously improve on their services and a collection of informational resources segregated at a single place for users to refer and see anytime. This includes admin side controls of all the useful and restrictive features based on users.
- Provided a user friendly documentation with fully detailed feature explanation and trouble shooting steps for seamless user experience.

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### Skills

- Java
- Elasticsearch
- Oracle Database
- Spring Cloud
- Amazon Web Services
- Liquibase
- Spring Webflux
- Cloud Foundry
- Domain Driven Design
- Representational State Transfer
- CI/CD
- Spring Boot
- Ms Sql
- Kafka
- Spring Cloud Data Flow
- OOP
- Splunk
- Cloud Computing
- Agile Software Development
- Spring Cloud Config
- Jenkins
- Data Modelling

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### Education

#### Bachelor of Technology in Computer Engineering

Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat

05/2019

- CGPA - 8.54/10

#### XII Science (PCM) - Gold Medalist in School

St. Kabir School (HSC-GSEB), Vadodara, Gujarat

03/2015

- Science Theory Percentile : 99.48%

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### Achievement

- Circle of Excellence (Above and Beyond) Award - December 2020 at J.P. Morgan Chase & Co.
- MMNCT Cricket Tournament - Gold Medal - February 2019 at NIT Surat - Captained the team Spartans for Inter-Year cricket tournament held at NIT Surat.
- All India Inter-NIT Cricket Tournament - Silver Medal - 2017 at NIT Rourkela
- Academic Excellence Award - Gold Medal - June 2015 - Secured 1st position in 12th Science (All Streams) and got listed in board toppers list of my school
- International Informatics Olympiad - Bronze Medal - 2010 - Secured third class rank in International Informatics Olympiad organised by Computer Literacy Foundation, New Delhi.

- UNSW Global Educational Assessment - Distinction in Computer Skills and Mathematics - 2010 - Scored Distinction in Computer Skills(Top 5 Percent) and Mathematics(Top 10 Percent) in Global Educational Assessment organised by University of New South Wales.
  - International Informatics Olympiad - Silver Medal - 2009 - Secured second class rank in International Informatics Olympiad organised by Computer Literacy Foundation, New Delhi.
  - International Olympiad of Mathematics - Silver Medal - 2009 - Secured second class rank in International Olympiad of Mathematics organised by Mathematics Olympiad Foundation, New Delhi.
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## **Languages**

- English - Full Professional Proficiency
- Gujarati - Native or Bilingual Proficiency
- Hindi - Native or Bilingual Proficiency