

# NARISHT DHYANI

Authorized to work in United States

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## SUMMARY

Upcoming enthusiastic software grad with 4+ year's experience participating in complete product development lifecycle with substantial knowledge of building core Restful Web Services using Java Spring and Node JS stack. Sound knowledge of Microservice architecture & polyglot persistence with containerization & orchestration of applications using Docker & Kubernetes. Keen interests in building & playing around distributed, scalable, full-stack and big data systems.

## EDUCATION

**Master of Science** in Software Engineering, San Jose State University, **GPA 3.83/4.00**

**Expected May 2021**

**Bachelor of Engineering** in Information Technology, Maharshi Dayanand University

**May 2014**

## EXPERIENCE

**Software Engineer Intern**, Pulse Secure, San Jose, CA, US

**June 2020 - Present**

- Building **ETL** pipelines to process unstructured data from multiple data sources for automating data ingestion into NoSQL Elasticsearch engine boosting product adoption rate **by 38%** & easing out data-driven decisions.
- Redesigning traditional web portal for enhancing user experience **by 100x** using ReactJS suite.
- Building tool for containerization and orchestration of applications on cloud platform's such as AWS, VMWare

**Software Developer**, National Informatics Centre (NIC), New Delhi, India

**Mar 2015 - Aug 2019**

- Orchestrated architecture for reducing data migration time of **70 million+** records from 2 weeks to 2 days.
- Implemented Rest API's for segregating application logic & user interface improvising the performance **by 18%**.
- Engineered an **Android** application for solving a legacy problem which increased the customer satisfaction.

## PROJECTS

### Vahan Fitness Rest API's

- Transformed legacy application into a suite of cloud-hosted Micro services using Spring Boot, and laid the foundation for traffic scaling **by 10%**.
- Secured Rest API's by implementing Authentication & Role Based Access Control by leveraging JWT.
- Implemented Hibernate ORM for Legacy Database which improvised query performance by more than 10%.

### Parivahan Analytics & Reporting Portal

<https://parivahan.gov.in/analytics/>

- Architected Driving License Fifteen Year Trend Dashboard exercised with Highchart's API.
- Engineered feedback module, for collecting user feedbacks regarding portal.
- Collaborated with a Team of 10 members & mentored colleagues in developing Vehicle Regn. Trend Dashboard.
- Contributed to internal data migration from RDBMS to NoSQL improving query performance **by 140%**.

## ACADEMIC PROJECTS

### Cart Share

- Developed auto scalable microservices, deployed on hybrid cloud on AWS & GCP Kubernetes cluster
- Accomplished polyglot persistence using Redis, MySql and MongoDB to handle different data storage needs

### Micro Blogging Portal

- Built distributed & scalable Twitter full stack clone to support up to **10,000** concurrent requests.
- Integrated Apache Kafka message queue to reduce request drop rate **by 34%**.
- Implemented live chat option between users by using socket.io, reducing average response time **by 100%**

### Hiring Portal for Disabled

- Built a Machine learning based application to recommend jobs for disabled and making job search easier.
- Deployed Web App on AWS Cloud using EC2 and RDS server & leverage AWS Elastic Load Service.

## TECHNICAL SKILLS

- Java, Spring Boot, Spring Cloud, Spring MVC, Spring Security, Spring Rest, Hibernate, Maven, JSP, JSTL; Android
- Javascript, Node.js, Express.js, React.js, Redux, Sequelize; Redis, MySql, MongoDB, Elastic Search; C, C++;Python
- Hadoop, Spark, Sqoop, Hive, HDFS; AWS EC2, ECR, RDS, Docker; Kubernetes; Git, SVN; HTML5, CSS, Bootstrap
- Eclipse, Spring Tool Suite(STS), VSCode; FileZilla, Putty; JSON, XML; Kafka; NoSql; Swagger, PostgreSQL