Narisht Dhyani

Authorized to work in United States
Bay Area, San Jose, CA 95110 | (408) 565-5824
narisht.dhyani@sjsu.edu | linkedin.com/in/narishtdhyani | github.com/narishtdhyani

SUMMARY

Upcoming software grad with 4+ year's experience participating in complete product development lifecycle. Having substantial knowledge of building core Restful Web Services using Java Spring 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 3.80/4.00**   **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 – Dec 2020**

- Built **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.
- Devised **RESTFul** analytical data visualization platform leveraging **Spring Boot**, **ReactJS suite** and remodeled traditional web application that enhanced user engagement **by 100x**.
- Built interactive demos for demonstrating product's best features that enhanced product's impression by **200%**.

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.
- Overhauled the obsolete legacy source code of two production applications into **RESTFul Web Services** using **Java Spring Boot** resulting in increased usability and reduced load time **by 50%**.
- Engineered Android application for native mobile users that increased the customer satisfaction **by 100%**.

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 20%**.
- 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, J2EE, Spring Boot, Spring Cloud , Spring MVC, Spring Security, Spring Rest, Hibernate, Maven, JSP, JSTL
- Javascript, Node.js, Express.js, React js, Redux, Redis, MySql, MongoDb, Elastic Search; C, C++; Python
- Hadoop, Spark, Sqoop, Hive, HDFS; AWS EC2,ECR, RDS , Docker; k8s; Git, SVN; HTML5, CSS, Bootstrap
- Eclipse, Spring Tool Suite(STS), VSCode; FileZilla, Putty; JSON, XML; Kafka;Agile; Swagger, PostgreSQL, Tomcat