

# Aryanshu Verma

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## SKILLS

### TECHNICAL SKILLS & TOOLS

**Languages:** Java/JEE, Golang, Python, C++

**Frameworks:** Spring MVC, Spring Boot, Gin, Flask

**Testing Framework:** JUnit, Mockito, Selenium, TestNG, unittest

**DBMS:** MySQL, PostgreSQL, NoSql-Elasticsearch, MongoDB

**Cloud:** Azure, Pivotal Cloud Foundry  
**Monitoring:** Dynatrace

### Other Languages, Tools & Technologies:

HTML, CSS, JavaScript, Git, CI/CD Pipelines, Containers, Docker, Kubernetes, Postman, Offest, RabbitMQ, Apache Kafka, Linux/Unix, Agile, Jira, DevOps tools-Jenkins, Blackduck, Check-Marx, Sonarqube

### CORE CS

Operating System, Object Oriented Programming, Computer Networking  
Data Structure & Algorithms, Computer Architecture, System Design, Machine Learning

## EDUCATION

### IIIT GWALIOR

INTEGRATED B.TECH AND M.TECH  
IN INFORMATION TECHNOLOGY  
2017 - 2022 | Gwalior, INDIA  
CGPA: 7.67

### VKS PUBLIC SCHOOL

2016 | Moradabad, IN  
CBSE XII: 86.40%

### VKS PUBLIC SCHOOL

2014 | Moradabad, IN  
CBSE X: 95.0%

## EXPERIENCE

### NETAPP | MTS-2

October 2023 - Present

- Developed scalable distributed IAM(Identity Access Management) solution to ensure secure access to Netapp BlueXP platform by users & internal Netapp services, which involving doing active development for various features, bugs, testing, deployment & monitoring using mainly Golang & JEE tech stack.
- Involved in integration of redis cache to improve the overall performance of various APIs. Worked closely with QA & DevOps team to handle different production releases which include actively working on Kubernetes configuration, azure cli.
- For monitoring worked on integration of fluentD stack for transporting application logs to Elasticsearch. Worked on the code coverage part i.e. worked on writing UT in go.

### DELL R&D | SDE

January 2022 - October 2023

- Worked on Developing various **Microservices & RESTful APIs** for building a larger scale distributed system to process the data received from various Dell Enterprise servers using **Java, Spring MVC, Hibernate, Kafka**. Involved in Designing, Implementing, Testing, Deployment, Monitoring) using Java/JEE and Python Technologies.
- Worked on **developing various microservices** to do the extraction of the highly compressed data or files, for the exchange between applications used **RabbitMQ and Kafka Message broker** for achieving asynchronous communication.

### RAKUTEN | SOFTWARE ENGINEERING INTERN

June 2021 - Dec 2021 | Bangalore

- Worked on developing feature which was about to verify whether a particular website is rendering properly on different devices through automation instead of manual UI testing, by capturing location of all the components of website.
- Tech stack involved in the development are **Python, Writing Automation scripts using Seleium & Webdriver** for capturing location of elements.

## PROJECT

### Tinder Clone: Scalable Backend System

- Utilizing Java/Spring & Python to implement functionalities and integrate microservices for Tinder Clone.
- Developed microservices (**registration-svc, profile handler, feed engine, recommendation engine & other**) for user registration, profile management, recommendation generation using ML models.
- Optimized user-data storage using PostgreSQL and recommendation storage using Elasticsearch. Implemented **geo-location based sharding** techniques for query optimization.