

# HARSHIT MITTAL

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## EDUCATION

### Swami Keshvanand Institute of Technology, Management And Gramothan

B.Tech in Information Technology Engineering; **CGPA: 9.0/10.0**

August 2020 - May 2024

Jaipur

### Rukmani Devi International School

Class XII, Central Board of Secondary Education; **Percentage: 74.6**

March 2019

### The Bohras Global School

Class X, Central Board of Secondary Education; **CGPA: 10.0/10.0**

March 2017

## EXPERIENCE

### Java Development Internship

Mckinsole Cosulting Inc. :

(July 2023-September 2023)

- Worked on **Java-based applications** and projects. Gained hands-on experience with Spring Boot framework.
- Gained hands-on experience with **Spring Boot framework**.
- Developed and implemented RESTful APIs.

### Machine Learning by Coding Ninja

Coding Ninja:

- Completed comprehensive training in Python programming language.
- Gained foundational and advanced knowledge in Machine Learning algorithms, worked on various projects and assignments to solidify understanding of concepts.
- Developed proficiency in libraries such as **NumPy, pandas, scikit-learn, and TensorFlow**. Implemented machine learning models for **classification, regression** and some Deep Learning concepts like **ANN and CNN**.

### C++ and DSA Trainee:

Cademate

(July 2022-August 2022)

- Acquired in-depth knowledge of **C++ programming language**, gained hands-on experience with **Data Structures and Algorithms(DSA)**. .
- Developed and optimized algorithms for various computational problems, implemented data structures such as **arrays, linked lists, stacks, queues, trees, and graphs**, enhanced problem-solving and analytical skills through complex coding challenges.

## PROJECTS

### Library Management System

- Developed a comprehensive Library Management System using **Spring Boot**.
- Implemented user management with role-based access for admins, librarians, and members, created **CRUD** functionalities for managing book inventory
- Utilized **RESTful APIs** for seamless client-server communication.
- Integrated **MySQL database** for persistent storage of user and book data.

### Movie Recommendation System

- Involves **data cleaning, data analysis , NLP** and some other machine learning concepts to recommend similar movies on basis of movie you have searched.

### Facial Recognition System

- Involves libraries like **tensorflow, keras ,pandas** and concepts of **CNN(deep learning)** to predict the facial emotion of a person.

## TECHNICAL SKILLS

**Languages:** C, C++, Java, Python, HTML, CSS, Javascript, SQL

**Developer Tools:** V S Code, IntelliJIDEA, OnlineGDB, Postman, Eclipse.

**CS Fundamentals:** Operating System, DBMS, Computer Networking, Object Oriented Programming.

**Other Skills:** SpringBoot, Machine Learning, Redis, Kafka.

**Areas of Interest:** Data Structures, Algorithm , Web Development, Artificial Intelligence.

## CERTIFICATIONS AND ACHIEVEMENTS

- Solved over 300 problems based on DSA on different online Platforms.
- Achieved SANSI badge from coding ninjas in Machine Learning.
- Beginner to Advance in C++(Udemy)
- Mastering Data Structures and Algorithms(Udemy)
- Basics of Python(Coding Ninjas)