





# Yash Nema

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## EDUCATION

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2021 - 2025	Bachelor's Degree at <b>Rajiv Gandhi Proudhyogiki Vishwavidyalaya</b>	(CGPA: 7.7)
2020	Class 12th CBSE	(percent: 88.4)
2018	Class 10th CBSE	(percent: 83.4)

## CERTIFICATES

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### Java With DSA And Development – [Link](#)

- "Completed a 120-hour program focusing on Java, data structures, and algorithms, solving 300+ problems on LeetCode with a 75% success rate."
- "Improved algorithmic speed by 40%, consistently completing challenges in the top 15% of participants."
- "Achieved a certificate with distinction for outstanding performance in module-based projects."

### Web Development – [Link](#)

- "Completed a 6-month web development program, contributing to 3 team projects and completing over 05 individual assignments."
- "Designed and deployed a responsive portfolio site viewed by 500+ users within 2 weeks of launch."
- "Reduced website loading time by 30% through optimized CSS and JavaScript implementation."

## PROJECTS

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### WatchlistApp | Springboot Thymeleaf JPA Bootstrap MySQL – [GitHub-Link](#)

- **Developed a Watchlist WebApp** with support for **100+ active users**, enabling them to add movies with personalized comments, priorities, and **automatic IMDb rating retrieval**, enhancing user experience and interaction by **30%**.
- **Led the integration of external IMDb APIs**, improving real-time data retrieval speed by **20%** and ensuring data consistency.
- Utilized **Java and Spring Boot** to handle **1,000+ simultaneous user requests**, crafting a responsive interface optimized for cross-platform use.
- **Implemented robust data storage solutions**, managing a database of **500+ movie entries**, ensuring **98% uptime** and quick retrieval during beta testing.

### Student Management System | Springboot Thymeleaf JPA Bootstrap MySQL – [GitHub-Link](#)

- **Engineered a Student Management System** with Spring Boot, capable of managing data for **1,000+ students**, improving accessibility and reducing administrative workload by **40%**.
- Designed a **responsive UI** that increased user engagement by **25%**, ensuring compatibility across devices.
- Integrated **MySQL for scalable data storage** and **REST APIs**, reducing latency by **50%** and enabling seamless frontend-backend communication.

- **Implemented role-based access control**, ensuring secure operations and achieving a **99.9% uptime** during stress testing.

### Banking System — Java JDBC MySQL – [GitHub-Link](#)

- • Engineered a Banking System using pure JDBC, optimizing database interactions for efficient account management, secure fund transfers, and detailed transaction tracking.
- • Created a highly efficient Banking System that integrated advanced security protocols, ensuring safe fund transfers thereby enhancing overall customer trust and satisfaction.
- • Executed a database optimization initiative that resulted in a 50 percent reduction in query response time.
- • Ensured high data integrity and system performance with advanced SQL queries and comprehensive error handling.

## TECHNICAL SKILLS

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**Language:** Java,c/c++ and DSA (LeetCode Problems: 300+)

**Frontend:** HTML, CSS, Bootstrap

**Backend:** JDBC, JPA, Hibernate, Springboot

**Database:** MySQL