

# RAHUL YADAV

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## Education

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### Amity University Uttar Pradesh

Master of Computer Application; GPA: 7.98

Aug 2024 – May 2026

Noida, UP

### Institute Of Technology and Science

Bachelors of Computer Application; Percentage: 70%

Aug 2021 – May 2024

Ghaziabad, UP

## Work Experience

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### Data Analyst Intern | EDULYT INDIA

May 2025 – July 2025

- Worked on live business projects to develop and implement key data strategies.
- Gained hands-on experience with data analysis and reporting tools.

## Projects

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### Job Portal Web Application with Spring Boot

- Developed a full-stack web application that enables recruiters to post jobs and candidates to search, apply, and upload resume.
- Implemented user registration, login/logout, file uploads, dashboards, and role-based features for recruiters and job seekers using Spring Boot and Thymeleaf.
- Tools/Technologies: Java, Spring Boot, Spring Security, Spring Data JPA, Thymeleaf, MySQL, HTML/CSS, Bootstrap, jQuery.

**Learnings:** End-to-end web app development, Spring MVC, authentication & file handling, user-role architecture, and Thymeleaf integration.

### User Management REST API with Role-Based Access Control

- Designed and implemented a secure RESTful API with JWT-based authentication and role-based authorization using Spring Boot and Spring Security.
- Developed full CRUD functionality for user management and integrated global exception handling and input validation.
- Tools/Technologies: Java, Spring Boot, Spring Security, JWT, Spring Data JPA, MySQL, Postman, JUnit, Mockito.

**Learnings:** Secure API development, JWT-based auth, role-based access control, exception handling, unit & integration testing.

### Topic Modeling and Content Mining for Blog Analysis

- Implemented NLP techniques to extract key topics and trends from a large corpus of blog posts.
- Utilized Latent Dirichlet Allocation (LDA) for unsupervised topic modeling
- Tools/Technologies: Python, NLTK, Genism, Pandas, Matplotlib

**Learnings:** NLP, Text Preprocessing, Topic Modeling (LDA), Unsupervised Machine Learning, Data Analysis & Visualization etc.

## Technical Skills

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- **Languages:** Java, SQL, Python, HTML, CSS
- **Frameworks:** Spring Boot, Spring Security, Spring Data JPA, Thymeleaf
- **CS Fundamentals:** Data Structures & Algorithms, OOPs, DBMS
- **Tools:** JUnit, Mockito, Git