

SURBHI MAHTO

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Education

Amity University Uttar Pradesh

Master of Computer Application; GPA: 8.79

Aug 2024 – May 2026

Noida, UP

St. Xavier's College Ranchi

Bachelor of Science (HONORS) -Computer Application; GPA: 8.26

Aug 2021 – May 2024

Ranchi, India

Certifications

- Frontend Intern at Hindalco Industries Ltd Muri June 2023 – July 2023
- Industrial Internship training at BSNL, Bhubaneswar November 2023

Projects

Cloud Vendor Data Management using Spring Boot

- Developed a robust RESTful API using Spring Boot to manage cloud vendor data with CRUD operations (Create, Read, Update, Delete).
- Integrated Spring Data JPA for database interactions and used MySQL as the backend database.
- Thoroughly tested API endpoints using Postman to ensure functional correctness and REST compliance.

Learnings: Spring Boot, RESTful API Design, Spring Data JPA, Postman Testing etc.

Fake News Detection Using NLP

- Developed a Fake News Detection system using NLP and LSTM, achieving 98% accuracy on benchmark datasets.
- Utilized TensorFlow, Keras, NLTK, and pandas for model development and text preprocessing.
- Deployed the solution with a Flask web app for real-time news classification and visualized results using matplotlib and seaborn.

Learnings: NLP, Keras / TensorFlow, LSTM, Flask Web Deployment, etc.

AYUSH Virtual Garden Using React.JS

- Developed a virtual platform to explore medicinal plants from the AYUSH system.
- Implemented dynamic plant cards with images, uses, and detailed information pages with interactive quiz.

Learnings: React.js, UI/UX design, etc.

Technical Skills

- **Languages:** Java, Python, JavaScript, HTML, CSS, SQL
- **Tools:** Git & GitHub, Postman, Maven, Apache Tomcat
- **Frameworks:** Spring Boot, React.js, Swing