GAUTAM YADAV

COMPUTER ENGINEER

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SUMMARY

Computer Engineering student and backend developer at INFLIBNET, working on the Shodhganga Project using Java Spring Boot. Skilled in building robust, user-focused applications and experienced in real-world projects involving web development, software engineering, and data analysis. Quick learner with a passion for backend systems, programming, and data-driven problem solving.

PROFESSIONAL SKILLS

Frontend Integration Backend Development

System Development Database Management

TECHNICAL SKILLS

- HTML
- CSS
- Javascript
- Thymleaf
- Java
- Spring-boot
- RESTful APIs
- PostgreSQL
- MySQL
- MongoDB

PROFESSIONAL EXPERIENCE

INFLIBNET Gandhinagar Gujrat **July 2025 - Present**

- Contributed to the backend development of **Shodhganga 2.0** using Java Spring Boot, integrated with Angular frontend and DSpace 8.1 repository.
- Implemented REST APIs for researcher data retrieval, authentication, and repository interactions.
- Enhanced system performance and usability through optimized database queries and improved API response handling.

Internship, IIT BHU **Jun 2025 - July 2025**

- Implemented and evaluated diverse link prediction techniques across multiple network datasets.
- Explored practical applications of link prediction in social network analysis, bioinformatics, and recommendation systems.
- Applied advanced methodologies like Node2Vec, DeepWalk, and GCNs for improved accuracy.
- Conducted performance analysis using precision, recall, F1-score, and AUC-ROC metrics.

PROJECTS

User Management Application **Jan 2023 - Jun 2023**

- Developed a Spring Boot and Thymeleaf-based User Management System with full CRUD operations.
- Integrated DataTables for advanced search, sorting, and pagination.
- Implemented photo upload functionality and role-based access controls for secure user management.

EDUCATION

Bachelor of Technology in Computer Engineering **Oct 2021 - Jun 2025**

Babasaheb Bhimrao Ambedkar University Lucknow

- CGPA- 8.23

CERTIFICATION

Artificial Intelligence

Samsung InnovationCampus

- Hosted the Certification Ceremony.
- Got an Opportunity to Learn work on the AI based Project. Like Voice Changer, Image detector etc.