Shailja Shukla

B.Tech in Information Technology | Babu Banarasi Das Northern Indian Institute Of Technology, Lucknow
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Summary

Motivated B.Tech (Information Technology) student with strong skills in Java, Python, and full-stack web development. Experienced in data structures, algorithms, and software design. Passionate about AI, cloud-based CRM applications, and scalable backend systems. Seeking the Software Engineering AMTS 2025 role at Salesforce to contribute to innovative, real-world projects using cutting-edge technologies.

Technical Skills

Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL
Frameworks & Libraries: React.js, Node.js, Express.js, Spring Boot, TensorFlow, PyTorch, Scikit-learn
Tools & Platforms: Git, GitHub, Postman, Power BI, Jupyter, Streamlit
Concepts: Data Structures, Algorithms, OOP, REST APIs, Data Analytics, Machine Learning, Cloud Systems

Education

Babu Banarasi Das Northern Indian Institute Of Technology, Lucknow
B.Tech in Information Technology | Expected Graduation: 2026
CGPA: 7.5/10 (No Backlogs)

Projects

- Document Similarity Finder (Feb 2025 – Mar 2025)

  Built a research document comparison app using SBERT and cosine similarity achieving 95% accuracy. Deployed frontend via Streamlit, improving file-processing speed by 30%. Applied Python, NLP, and ML techniques.

- Heart Attack Prediction (May 2024 – Jul 2024)

  Developed an ML-powered Spring Boot REST API predicting heart attack risk from health parameters. Implemented linear regression and data preprocessing for higher accuracy.

- Violence Detection & Automated Police Reporting System (Aug 2025 – Sep 2025)
  Real-time identification of violent incidents within 2 seconds of occurrence using CNN-LSTM architecture
  Tech used-TensorFlow & Keras, MobileNetV2, LSTM Networks, OpenCV,Docker

- Expense Management System (Sep 2025 – Oct 2025)

A centralized expense workflow automation system that streamlines submissions, approvals, and analytics for faster and transparent expense management.

Certifications
- Full Stack Web Development – Apna College (2023)
- Samsung Innovation Lab – Machine Learning Training (2024)
- Data Analytics Certification – IIIT Delhi (2025)
- Innovation & Design Thinking – Kalam Pragati AKTU (2025)

SRNO India – Data Analytics Intern

(Remote) | July 2025 – September 2025

- Analyzed datasets using **Python, Pandas, and Power BI**.
- Created dashboards and visual reports to track business metrics.
- Improved data processing efficiency through automation scripts.

Interests
Data Science, AI-powered CRM Solutions, Full Stack Engineering