

SHAILJA SHUKLA

B.Tech IT Student | MachineLearning | DataAnalytics | Full Stack Development

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Summary

I am a motivated B.Tech IT student deeply passionate about machine learning and data analytics. I have developed various projects that enhance my technical skills in Python, Java, and AI/ML tools. Eager for an internship opportunity that allows me to apply my knowledge to solve real-world challenges while making a meaningful contribution to impactful projects.

Key Achievements

Data Processing Efficiency

Reduced document processing time by 30% using streamlined data algorithms in Python.

Health Risk Prediction

Predicted heart attack risk with 85% accuracy using machine learning models and health data analysis.

University Recommendation System

Improved university recommendation system accuracy by 25% with optimized algorithms and data profiling.

Team Leadership Success

Led a team of 5 to develop a skill exchange platform, increasing user engagement by 40%.

Education

Dr. A.P.J. Abdul Kalam Technical University

Lucknow, India

B.Tech in Information Technology

11/2022 - 08/2026

Languages

Hindi Proficient 

English Proficient 

Skills

CSS Figma Git GitHub HTML Java JavaScript JSON Jupyter Notebook Jupyter Notebooks Linear Regression MongoDB Matplotlib Microsoft Power BI Numpy Pandas Postman Python React REST Scikit-Learn Seaborn Spring Boot SQL Streamlit Visual Studio Visual Studio Code Node.js Express.js CAD

Projects

Document Similarity Finder

01/2023 - 01/1970

DocumentSimilarity Finder

- Developed a tool to compare research documents and find similar papers using SBERT and cosine similarity
- Implemented a frontend using Streamlit for file upload, similarity scoring, and visualization

Heart Attack Prediction

01/2023 - 01/1970

AdiposeTissue and WaistRelation Prediction Using Simple Linear Regression

- Developed an ML-powered Spring Boot REST API for predicting heart attack risk based on health parameters

UniversityRecommenderSystem

01/2023-01/1970

University RecommendationSystem

- Created a Spring Boot application recommending universities based on academic profile and test scores

SkillSwap

01/2023 - 01/1970

SkillSwap

- Built a responsive platform for skill exchange, with backend in Spring Boot and MySQL database