

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
B.Tech in Information Technology

Lucknow, India
11/2022 - 08/2026

Languages

Hindi Proficient ●●●●●

English Proficient ●●●●●

Skills

CSSFigmaGitGitHubHTMLJavaJavaScriptJSONJupyterJupyter NotebookLinear RegressionMongoDBMatplotlib
Microsoft Power BINumpyPandasPostmanPythonReactRESTScikit-LearnSeabornSpringBootSQLStreamlitVisual Studio
Visual Studio Code Node.js Express.js CAD

Projects

- | | |
|---|-------------------|
| Document Similarity Finder
DocumentSimilarity Finder <ul style="list-style-type: none">•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 | 01/2023 - 01/1970 |
| Heart Attack Prediction
AdiposeTissue andWaistRelation Prediction Using Simple Linear Regression <ul style="list-style-type: none">•Developed an ML-powered Spring Boot REST API for predicting heart attack risk based on health parameters | 01/2023 - 01/1970 |
| UniversityRecommenderSystem
University RecommendationSystem <ul style="list-style-type: none">•Created a Spring Boot application recommending universities based on academic profile and test scores | 01/2023-01/1970 |
| SkillSwap
SkillSwap <ul style="list-style-type: none">•Built a responsive platform for skill exchange, with backend in Spring Boot and MySQL database | 01/2023 - 01/1970 |