

Shaurya Singh

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SUMMARY

Third-year B.Tech student in CSE (specialization in Cyber Security and Digital Forensics) with a strong foundation in programming, DSA, and Machine Learning. Skilled in Python, SQL, scikit-learn, pandas, and web technologies.

EDUCATION

VIT Bhopal University

B.Tech. in CSE (specialization in Cyber Security and Digital Forensics) - 8.63

MadhyaPradesh, India

Aug 2023 – May 2027

St Anselm's Pink City School

XII – CBSE - 83

Rajasthan, India

Aug 2021 – May 2022

St Anselm's Pink City School

X – CBSE - 93.4

Rajasthan, India

Aug 2019 – May 2020

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, Python, SQL, HTML, CSS.

Frameworks: Node.js, React.js

Libraries & Tools: Git, GitHub, Docker, SQLite, MySQL, Kubernetes

PROJECTS

Image to Native Text Translator

- Text Extraction: Extract text from images (PNG, JPG), PDFs, and documents (DOCX, TXT) using OCR technology.
- Multilingual Translation: Translate extracted text into the user's preferred language with Google Translate integration.
- LLM-Powered Enhancement: Refine extracted and translated text using a Large Language Model for improved accuracy and context.
- Cross-Platform Support: Accessible on web and desktop environments.
- High Accuracy: Robust OCR and translation ensure reliable results across various file types and languages.

Laptop Price Prediction Model

- Data Preprocessing: Handles noisy data with feature engineering, including encoding categorical variables and handling missing values.
- User-Friendly Interface: A web application (e.g., using Streamlit or Flask) allows users to input laptop specifications and receive price predictions.
- Model Performance: Utilizes robust algorithms (e.g., Random Forest, XGBoost) for high prediction accuracy.
- Exploratory Data Analysis: Includes visualizations to understand the impact of features like brand, RAM, and processor on pricing.

CERTIFICATIONS

Microsoft Azure Data Fundamentals

3rd Place Winner – Hack-O-Health Hackathon, VIT Bhopal (April 2025)

NPTEL – Blockchain and its Applications