

Akhil Sharma

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Github: Jacousta

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Portfolio:

Education

- **Bachelors of Technology (Computer and Electronic)**

Thapar Institute of Engineering and Technology,
CGPA: 7.73

2021-25

- **CBSE (Class XII)**

Siddharth International School,
Percentage: 95.4%

2021

- **CBSE (Class X)**

Siddharth International School,
Percentage: 95.8%

2019

Work Experience

- **MRCC Transformation Solutions** | Software Development Intern

Onsite-Noida | July 1-Ongoing

- Studied various AWS services such as EC2, S3, RDS, and Lambda.
- Implemented solutions using AWS infrastructure and services.
- Problem-solving and troubleshooting skills in cloud environments.
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Academic Projects

- **Thapar OLX** | MongoDB, Express.js, React.js, Node.js (MERN stack).

Github | Demo

- Implemented a college marketplace platform similar to OLX for buying and selling items within the campus community.
- Users can list items for sale, browse listings, and communicate with sellers/buyers.

- **BrainWave Modern UI/UX Website** | Vite, React.js, Tailwind CSS.

Github | Demo

- Features beautiful sections including hero, services, features, and pricing, enhanced by engaging parallax animations and intricate UI geometry.

- **House Price Prediction Model** | Linear Regression, Kneighbor, Decision Tree.

Github

- Developed a robust ML model for house price prediction using a diverse real estate dataset.
- Conducted comprehensive exploratory data analysis (EDA) to identify correlations and trends.
- Fine-tuned hyperparameters through cross-validation and evaluated model performance using metrics like Mean Absolute Error (MAE) and R-squared.

- **Agrofinance-Blockchain-based Decentralized Loan Solution (Status: Working):**

Github

- Developed a decentralized solution providing financial services to farmers' loan-based needs using blockchain technology.
- Implemented smart contracts and blockchain protocols to ensure transparency and security in financial transactions.
- Technologies used: Ethereum blockchain, Solidity, Web3.js.

Skills and Achievements

- **Technical Skills:** Data Structure and Algorithm in C/C++, OOPS, Web Development (MERN), Data Science and ML, Deep Learning

- **Languages:** C/C++, Python, HTML5, CSS, JavaScript, MATLAB, SQL.

- **Familiar With:** Arduino IDE, Flutter.

- Completed Cisco Netcad Academy Cybersecurity Course

Certificates

- Participated in Flipkart and Amazon Hackathon

Certificates

- Awarded the scholarship by Thapar University for being top 10% in my department.

- Awarded "STUDENT OF THE YEAR" in 10th Class.