

# Akhil Sharma

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## Education

- **Bachelors of Technology (Computer and Electronic)**  
*Thapar Institute of Engineering and Technology,* 2021-25  
CGPA: 7.73
- **CBSE (Class XII)**  
*Siddharth International School,* 2021  
Percentage: 95.4%
- **CBSE (Class X)**  
*Siddharth International School,* 2019  
Percentage: 95.8%

## 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.

## 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)**
  - 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 Hackathons [Certificates](#) [↗](#)
- Awarded the scholarship by Thapar University for being top 10% in my department.
- Awarded "STUDENT OF THE YEAR" in 10th Class.