Akhil Sharma

Mobile: 9729797873   **Email:** akhilsharma.pandit@gmail.com   **Github:** Jacousta   **Linkedin:** Akhil Sharma   **Portfolio** ☑

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)**   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 Hackathons   Certificates ☑

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

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