

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%

Work Experience

- **MRCCT Transformation Solutions** | Software Development, Intern Onsite-Noida | July 2024 - August 2024
 - Studied various AWS services such as **EC2, S3, RDS**, and **Lambda**.
 - Implemented solutions using AWS infrastructure and services.
 - Developed an Face Recognition Service using AWS Rekognition, AWS Lambda S3 and Dynamo DB. [Github](#) [↗](#)
 - Deployed a Frontend Project made in React on **EC2 Ubuntu Instance** for scaling opportunity in future. [Demo](#) [↗](#)
 - 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 tested by over **40+ users**.
 - Users can list items for sale, browse listings, and communicate with sellers/buyers using listed phone numbers
- **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, Random Forest. [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 achieving R-squared **score of 0.97**.
- **Agrofinance-Blockchain-based Decentralized Loan Solution** | Ethereum blockchain, Solidity, Web3.js. [Github](#) [↗](#)
 - Currently working on a decentralized solution providing financial services to farmers' loan-based needs using blockchain technology **enabling 24/7** access to loans.
 - Implemented smart contracts and blockchain protocols to ensure transparency and security in financial transactions.

Skills

- **Languages:** C++, HTML, CSS, JavaScript, Python, SQL.
- **Relevant Course Work:** DSA, DBMS, OOPS, OS, Computer Networks, Computer Architecture, Data Science.
- **Framework and Libraries:** ReactJs, ExpressJs, NodeJs, Bootstrap, Tailwind, Pandas, Numpy, Seaborn, Matplotlib.
- **Databases:** MongoDB.

Achievements

- Completed Cisco Netcad Academy Cybersecurity Course [Certificates](#) [↗](#)
- Participated in Flipkart and Amazon Hackathons [Certificates](#) [↗](#)
- Solved more than **250** DSA Questions
- Awarded the scholarship by Thapar University for being top **10%** in my department.