

HARSHIT TYAGI

 [GitHub](#)  [LinkedIn](#)  tharshit03@gmail.com  [+91 8860701316](tel:+918860701316)  [LeetCode](#)  [GeeksForGeeks](#)

Education

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA SEC-62	June 2026 (expected)
B.TECH in Computer Science Engineering	CGPA: 7.3
BRAHMA SHAKTI PUBLIC SCHOOL, ROHINI, DELHI	2019-2021
CBSE, Class XII (PCM)	Percentage: 75.8%

Relevant Coursework

Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems
Operating Systems, Computer Networks, Software Engineering

Technical Skills

Languages: C/C++, Python, HTML, CSS, JavaScript, PHP, SQL
AI/ML: Pandas, NumPy, Scikit-learn, TensorFlow (ANN), Matplotlib, Seaborn, Decision Tree, KNN, Random Forest
Web Development: Flask, React.js, Node.js, Express.js, MongoDB, Firebase, AWS (Serverless)
Developer Tools: Git/GitHub, Figma, VS Code, Jupyter Notebook, Kaggle, Google Colab

Work History

Volunteer August 2023 - October 2023
National Service Scheme (NSS) | IIIT, Noida Sec-62

- **Blood Donation Drive:** Assisted in organizing and managing a blood donation camp, coordinating with donors, healthcare professionals, and NSS members to ensure smooth operations. Demonstrated teamwork by collaborating with multiple stakeholders to achieve a successful event.
- **G20 Conclave:** Contributed to the successful execution of the G20 Conclave hosted by the institution, aiding in logistics and event coordination. Worked collaboratively with peers and organizers to facilitate communication between attendees and dignitaries, enhancing the overall experience.

Projects

NeuroWell: AI-Driven Mental Health Analysis Tool | [GitHub](#)

- Built and trained a Deep Learning (ANN) model using Python, TensorFlow, Pandas, and NumPy for stress level prediction, achieving 85% accuracy through optimized hyperparameters and data preprocessing.
- Developed a Flask-based API to integrate the model with a React.js frontend, enabling real-time user interaction and personalized mental health insights.

Serverless Chat App | [GitHub](#)

- Developed a real-time chat app using AWS Amplify, WebSockets, React.js, and AWS Lambda, enabling seamless, low-latency communication for college societies.
- Implemented AWS API Gateway for WebSockets, DynamoDB for message storage, and Cognito for secure authentication, ensuring scalability and real-time reliability.

Image Steganography | [GitHub](#)

- Developed an Image Steganography application using Python, Tkinter, and PIL, enabling secure text embedding in images via LSB encoding.
- Implemented encryption using a transposition cipher to enhance message security before embedding, ensuring confidentiality and robustness.

Certificates

- [Web Development – Udemy](#)
- [Data Structures & Algorithms in C/C++ – Udemy](#)
- [AI Skill Camp – Intel Digital](#)

Languages

- English (Professional Proficiency)
- Hindi (Native)