

ANJALI

+91-9625906165 ◇ Delhi, India

anjalilongre349@gmail.com ◇ [LinkedIn](#) ◇ [GitHub](#)

Education

Netaji Subhas University of Technology, Delhi

2022 – 2026

Bachelor of Technology in Computer Science and Engineering

Experience

Amazon

May'24 – Jul'24

QAE Engineer Intern

Bangalore

- Boosted UI test coverage by 30% by switching from C++ to Java and using Selenium for automation.
- Verified ASINs with 99% accuracy, improving product family UI automation.
- Improved test system speed by 20% while resolving 10+ real-time bugs in production.

Projects

Wanderlust Travel Platform [\[GitHub\]](#) [\[Live Demo\]](#)

Oct'24–Dec'24

- Built a full-stack travel platform using the MERN stack with listings and reviews functionality.
- Added interactive location maps using Mapbox for enhanced user experience.
- Implemented secure authentication (Passport.js) and media uploads via Multer and Cloudinary.

SIPOS – Smart Irrigation Path Optimization System [\[GitHub\]](#) [\[Research Paper\]](#)

Jan'25–Apr'25

- **Tech Stack:** Python ,PPO , XGBoost ,Reinforcement learning
- Solved real-world irrigation inefficiency by building a PPO-based RL system with 30% improved water-use efficiency.
- Leveraged drone imagery and Python to segment fields, enabling XGBoost-based irrigation with 15% uniformity gain
- Designed custom reward functions and optimized multi-agent trajectories under resource and obstacle constraints.

Sorting Visualizer Web App [\[GitHub\]](#) [\[Live Demo\]](#)

Apr'24 – Jul'24

- **Tech Stack:** HTML, CSS, JavaScript
- Built an interactive web app using HTML, CSS, and JavaScript to visualize sorting algorithms like Bubble, Merge, and Quick Sort.
- Enabled real-time animations with adjustable speed and array size to support step-by-step algorithm understanding.
- Designed a responsive and intuitive UI to enhance engagement and simplify learning of sorting logic.

Achievements

- **Summer QAE Intern at Amazon:** Cracked MNC internship in 2nd year of B.Tech
- **NPTEL Gold Elite Certificate** – Psychology of Learning [\[Link\]](#)
- Solved **700+ DSA problems** on LeetCode, CodeStudio, and **GFG**, strengthening algorithmic thinking
- **AWS Cloud Practitioner Essentials Certification** – Knowledge of AWS services, cloud architecture
- **Campus Ambassador–IIIT DelhiOdyssey:** Promoted fest, increased participation through campus outreach.

Technical Skills

Languages: C++ (Proficient), C, Python, JavaScript

Technologies: HTML, CSS, MySQL, MongoDB, Selenium

Coursework: Data Structures, Database Management Systems, OOPS,OS,CN

Tools: Git, VS Code, IntelliJ, Git, Visual Studio

Soft Skills: Team Work Leadership, Communication ,Adaptibility

Extracurricular

The Debugging Society of NSUT | *Treasurer*

Present–2025

- Coordinated technical segments of flagship events like **Moksha** and college fests, leading cross-functional teams for seamless execution.

Rotaract NSUT | *Director of Vocational Service*

Present-2025

- Led 5+ events including pad and book donation drive, securing sponsorships and overcoming logistical challenges for smooth execution.
- Collaborated with local businesses and volunteers to deliver impact-driven vocational initiatives.