

ANJANA G

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PROFILE SUMMARY

Final-year M.Tech Computer Science and Engineering student with a strong interest in systems programming, C/C++, Data Structures, and Operating Systems. Experienced in developing OS-based simulations such as CPU scheduling visualizers and building real-time applications using Python. Skilled in writing clean, efficient code and comfortable working with core algorithms and problem-solving tasks. Motivated to learn low-level programming and contribute to system-level software development.

ACADEMIC QUALIFICATION

- **M.Tech in Computer Science and Engineering(Pursuing)** *2024–2026*
NSS College of Engineering, Palakkad — Percentage: 92%
- **B.Tech in Computer Science and Engineering** *2020–2024*
Jawaharlal College of Engineering and Technology — Percentage: 84%
- **Senior Secondary Education (Class 12)** *2018–2020*
Little Flower Girls' HSS — Percentage: 91.42%
- **Secondary Education (Class 10)** *2017–2018*
Seventh Day Adventist HSS — Percentage: 88%

PROJECTS

- **WebSocket based Real-Time Chat Application using Python** *Feb 2025*
 - Developed a multi-user chat system using Python and WebSockets to enable real-time client-server communication. Utilized HTML, CSS, and JavaScript for the frontend interface.
- **Linux Kernel Process Scheduler Visualizer** *July 2025*
 - Created a scheduler simulator implementing Round Robin and Completely Fair Scheduler algorithms using Python. Developed interactive visualizations using matplotlib and pandas to analyze CPU scheduling behavior.

CORE COMPETENCIES

- **Technical:** C++, MySQL, Java
- **Soft Skills:** Problem Solving, Communication, Team Collaboration

INTERNSHIP

- **AI/ML Intern – Core Cognitics, Calicut** *May–July 2025*
 - Built an AI chatbot using Python and SQL for managing store sales queries and analytics. Used MySQL for database management and data visualization tools to generate insights for decision-making.

WEBINARS & EVENTS

- Python and Computer Vision Bootcamp - DevTown *May 2024*
- Process of Writing Quality Research Paper - NSSCE, Palakkad *Nov 2024*

WORKSHOPS & COMPETITIONS

- Hands-on Workshop on Power BI - NSSCE, Palakkad *Dec 2024*
- Tata Crudible Campus Quiz *Sept 2025*

CERTIFICATIONS & COURSES

- Data Analytics: Turning Data into Decisions using Python – IBM *Jan 2025*
- Foundation of Cloud IoT Edge ML – NPTEL IIT Kanpur *Apr 2025*

EXTRACURRICULAR ACTIVITIES

- NSS Volunteer Certificate: Actively participated in community service programs, demonstrating teamwork, and social commitment.