

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

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

PROJECTS

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| 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

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| AI/ML Intern – Core Cognitics, Calicut | <i>May–July 2025</i> |
| • 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

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

WORKSHOPS & COMPETITIONS

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

CERTIFICATIONS & COURSES

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

EXTRACURRICULAR ACTIVITIES

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