

Silpa Konijeti

[Phone: +91 8888492070 | Email: silpakonijeti27@gmail.com | LinkedIn: silpakonijeti]

Proactive university student with foundational skills in latest technologies. Seeking to contribute effectively to a forward-thinking organization and gain practical experience.

Internships

1. Moodle LMS — Intern (45 days, Summer 2024)
 - Departments: Sales, Testing, Project Management, Support, UI/UX Design, Mobile App Development, Human Resources, Hiring.
 - Observed and assisted in cross-functional workflows.
2. National Informatics Centre (60 days, Summer 2025)
 - Department: Data Analytics
 - Big Data Handling with Kafka, Spark and Hadoop(for spark)
 - Batch and Real Time processing of web application interaction.

Projects

1. Spiritus Lamp / FER Smart Home Lighting System
 - Technologies: Arduino, Raspberry Pi, Facial Expression Recognition, Python
 - Developed a smart lighting system responding to facial expressions using Arduino sensors.
 - Upgraded to a full smart home solution with Raspberry Pi for user interface, data processing, and control.
 - Enabled real-time emotion-based ambient lighting and remote control.
2. Interactive AVL Tree Visualization
 - Developed a web-based application to visually demonstrate AVL tree insertions, deletions, and self-balancing rotations.
 - Utilized HTML, CSS, and JavaScript to create an interactive and intuitive user interface.
 - Showcases understanding of complex data structures and front-end development skills.

Certifications

1. Energy Management for IoT Devices - Starweaver
2. Generative AI Essentials: Overview and Impact - University of Michigan
3. Mathematical Thinking in Computer Science - University of California San Diego
4. Object Oriented Programming in Java - University of California San Diego
5. Google Data Analytics Specialization – Google (8 course certification)

Technical Skills & Tools

Programming Languages: Python, C (Basics), SQL
Web Development: HTML, CSS, JavaScript, Python(Flask)
IoT Platforms & Tools: Arduino, Raspberry Pi
Data Analytics Tools: Spark, Kafka, MongoDB, PowerBI
Libraries/Frameworks: Pandas, Matplotlib (as demonstrated in projects)
Digital Design: Figma, Inkscape

Personal Skills

Problem Solving: Critical thinking, Analytical Skills, Logical Reasoning, Innovation & Creativity
Optimization: Strategic Planning, Design Thinking, Adaptability
Team Work and Management: Active listening, Conflict resolution, Collaboration, Effective Communication
Presentation: Public Speaking, Conceptual Understanding and Delivery, Improvisation

Education

- Manipal University, Jaipur | B.Tech in [Computer Science Engineering with IoT & Intelligent Systems] | 2022 – 2026
- FIITJEE, Narayanaguda | [Intermediate] | 2020 – 2022
- Delhi Public School, Nacharam | [CBSE] | 2013 – 2020

Extracurricular Activities

- LITMUS: Literature and Debates [Club]|Member, 2022-2023|Working Team 2023-2024
- Enactus [Club]|Member, 2022-2023
- Saanjh[Event]|Performer (2022 & 2023)
- Poetry publications in Sanguine Buds