

Alkesh Shukla

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EDUCATION

- Indian Institute of Information Technology Sricity** Chittoor, Andhrapradesh
Department of Electronics and Communication Engineering ; SGPA: 8.72 Aug 2021 - present
- St. Joseph International School Jhalawar, Kota** Rajasthan,, India
Class: 12th; percentage: 88.6 March 2019 - July 2020
- S.J.S Public School, Gauriganj, Amethi** Uttar Pradesh, India
Class: 10th; percentage: 79.6 March 2017 - July 2018

SKILLS SUMMARY

- Languages:** C++, Python, C, Data Structures and Algorithms, SQL, HTML5, CSS, JavaScript, Node.js, Express.js, React.js
- Tools:** Visual Studio Code, Ubuntu, Jupyter Notebook, MATLAB, LTspice, Eagle Autodesk

EXPERIENCE

- Hindustan Aeronautics Limited** Korwa, Uttar Pradesh
Summer Intern June 2023 - July 2023
 - Actively contributed to the assembly and testing of SU 30K aircraft.
 - Attained practical exposure to Opto Locator Systems (OLS), Unmanned Aerial Vehicles (UAVs), and project management.
 - Developed hands-on expertise in aircraft assembly techniques and testing.
 - Demonstrated proficiency in implementing quality control procedures for aerospace manufacturing.

PROJECTS

- Hospital Management Software** OOP project
Course Project Supervisor: Dr. Pavan Kumar BN Sep 2022 - Oct 2022
 - Developed a maintainable and efficient hospital management system using C++.
 - Implemented a real-time database solution using SQLite for data storage and retrieval.
 - Designed and implemented user-friendly access criteria algorithms for hospital management and public users.
 - GitHub Repository: <https://github.com/shuklaAlkesh/Hospital-Management-system-C-oops-project.git>
- Color Sorting Machine** ES project
Course Project Supervisor: Dr. Raja Vara Prasad Sep 2022 - Nov 2022
 - Designed and implemented a color sorting machine for the food manufacturing industry.
 - Integrated sensors for accurate color detection, object count, and weight measurement.
 - Developed a hardware model using Arduino Uno, Raspberry Pi, and sensor modules.
 - Implemented efficient embedded C code for reliable performance.
 - Created a companion mobile application for real-time monitoring and notifications.
 - GitHub Repository: https://github.com/shuklaAlkesh/colour-sorting-and-weighing-machine_embedded_system_project-.git

EXTRACURRICULAR ACTIVITIES

- Public Relations and Hackathon team member in IOTA Club, IIIT Sricity.
- Organized technical events, fostering knowledge sharing and skill development.
- Promoted diversity and inclusivity through cultural events.
- Participated in hackathons, showcasing problem-solving and teamwork skills.
- Volunteered for community programs and donation drives.

HONORS AND AWARDS

- Achieved 2nd place in the inter-school Badminton competition held at Hindustan Aeronautics Limited Korwa in 2018, showcasing exceptional sportsmanship and skill.