

RANJEET KUMAR

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SUMMARY

- Motivated and detail-oriented B.Tech student specializing in Electronics and Communication Engineering (ECE).
- Proficient in technical problem-solving, programming, and software tools with hands-on experience in MSYS2 and Microsoft Office applications.
- Strong interest in embedded systems, data analytics, and hardware-software integration.
- Committed to applying engineering principles to real-world challenges through internships and project work.

TECHNICAL SKILLS

- Programming Languages: C, C++, Python
- Tools & Platforms: MSYS2, MATLAB, Arduino, Multisim
- Software: Microsoft Office Suite (Excel, PowerPoint, Word)
- Operating Systems: Windows, Linux
- Other Skills: PCB Design, Circuit Simulation, Soldering, Team Collaboration

PROJECT

- School Management System
 - Developed a Python-based application to manage student records, attendance, and grading.
 - Integrated a PostgreSQL database for efficient data storage and retrieval.
 - Implemented user authentication and role-based access for administrators, teachers, and students.
- Automated Bank Check Processor (Infosys Springboard 5.0)
 - Created a Streamlit-based application for extracting and validating bank check data using OCR.
 - Employed Python and image processing techniques to recognize fields such as date, amount, and payee.
 - Integrated validation checks and formatting tools for error-free data capture.
 - Submitted the project as part of Infosys Springboard's innovation challenge.

CERTIFICATIONS

- Web Development
- Salesforce Developer Virtual Internship
- MATLAB for Engineers

EDUCATION

- Bachelor of Technology (B.Tech) in Electronics and Communication Engineering
[Purnea College Of Engineering], [Purnea, Bihar] Expected Graduation: [Aug] [2025]
Relevant Coursework: Digital Electronics, Microprocessors, Signal Processing, Communication Systems
- Higher Secondary Certificate (12th)
[Chandauti High School GAYA, BIHAR] Completed: [2019]