

Ranganath K N

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Motivated and skilled Computer Science student inclined towards problem-solving. Committed to delivering exceptional results with strong work ethic, effective communication, and a collaborative mindset to drive project success. Eager to contribute my technical knowledge to a dynamic organization focused on innovation and growth.

Technical Skills

- Programming Languages – C, Java, Python, Data Structures and algorithms
- Web Technologies/Frameworks – HTML, CSS, JavaScript, PHP, Github, Django
- Data Base Management System(SQL)
- Machine Learning (Sklearn , Data preprocessing, Data Modelling & Training)

Academic Projects

- **E-Blood Banking System :** [view](#) Oct 2024 - Dec 2024
Developed a web-based application to streamline blood donation and retrieval processes. The system allows user registration, blood group management, and availability updates. Hospitals and patients can search for required blood types through an integrated search and retrieval system. Implemented using PHP, HTML, and MySQL
- **Heart Disease Prediction System Using Machine Learning :** [view](#) Mar 2025 - Apr 2025
Developed an end-to-end ML web application to predict the likelihood of heart disease using the UCI dataset. Implemented multiple classification algorithms (Logistic Regression) which helps to detect disease procedure through user entered health information.
- **Automated OMR Anaylser Using ML And Image Processing:** [view](#) Aug 2025 - Present
Designed a machine learning-based OMR evaluation system to automate answer sheet checking. The tool processes scanned OMR sheets, detects filled bubbles, checks for marking errors, and calculates scores. Includes a pass/fail status display with proper UI for image upload. Developed using Python with OpenCV and relevant ML libraries.

Education

B.E, Computer Science & Engineering 2022-Ongoing
VTU Belgavi, CGPA – 8.61/10

PUC (Intermediate in Science) 2021-2022
State Board, PCMB–92.33%

10th (Secondary Examination) 2020
State Board, 92.16%

Certifications

- **Published Research Paper** - “Automated OMR Anaylser Using ML And Image Processing”- [preview](#)
- **HackerRank SQL** - “Validated skills in database querying, data manipulation, and SQL concepts”- [preview](#)

Languages

- English(Professional), Kannada(Native), Hindi(Limited)