

RAJ KAR

COMPUTER SCIENCE AND ENGINEERING STUDENT

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PROFESSIONAL OVERVIEW

I am a highly-motivated Computer Science Student with a Strong work ethic and adaptability. My exceptional interpersonal skills allow me to work effectively both independently and in team settings. I am eager to take on new challenges and quickly master new skills, making me well-equipped to contribute to innovative projects in technology and software development.

SKILLS

- Programming Language** C, PYTHON
- Database** MySQL
- AI&ML** Ollama, SHAP, Risk Profiling
- Technical Subjects** Data Structure and Algorithm, DBMS

PROJECTS

Wetland Image Indexing :

Implemented SIFT feature extraction and Bag-of-Words (Bow) vocabulary creation for analyzing .tif files

- Developed a Python-based image indexing and retrieval system for wetland imagery using Google Colab.

BMI Calculator :

A MATLAB script for calculating body mass index(BMI)

- Developed a MATLAB based calculator using Mathworks.

Smart Traffic Management System :

Full-Stack Real-Time Traffic Monitoring Dashboard

- Manual data entry forms with comprehensive validation and CSV import/export functionality for bulk data operations.

ACHIEVEMENTS

Solved over 100+ problems on HackerRank

EDUCATION

Bachelor's degree in CSE(AI&ML)

University of Engineering and Management, Kolkata (UEMK)

CGPA: 7.15

2022 - 2026

Higher Secondary (XII)

Gangarampur High School(H.S)

Gangarampur, South Dinajpur

Percentage : 92.6

2020-2022

Secondary (X)

Gangarampur High School(H.S)

Gangarampur, South Dinajpur

Percentage : 83.7

2020

HOBBIES

- Photo and Video editing
- Travelling
- Playing Cricket, Football
- Gaming

LANGUAGES

- Bengali
- English
- Hindi

SOFT SKILLS

- Problem Solving
- Fast Learner
- Teamwork