PAURAB DE

AI/ML ENGINEER

CONTACT

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📍 Balurghat, India

🌐 LinkedIn

EDUCATION

2022 - 2026
KIIT UNIVERSITY
- Bachelor of Technology in CSE
- CGPA: 9.31

2020 - 2022
TIGPS
- 12th Science
- Percentage: 88%

2007 - 2020
TIGPS
- 10th CBSE
- Percentage: 88%

SKILLS

- Model Deployment using Machine Learning and Deep Learning
- Problem Solving using Data Structures and Algorithms
- Quantum Computing
- Programming
- Critical Thinking

LANGUAGES

- English (Fluent)
- Bengali (Fluent)
- Hindi (Basics)

PROFILE

An energetic Computer Science undergraduate with diverse interests and hands-on experience across multiple domains—backed by strong voluntary involvement in software platforms through internships and projects. Passionate about Machine Learning, Artificial Intelligence, and Quantum Computing, with a love for solving complex problems and building innovative solutions.

INTERNSHIPS AND PROJECTS

BITS Pilani   2024 - 2025
AI Research Intern
- Developed an advanced image inpainting model by integrating image segmentation techniques with Stable Diffusion.
- Conducted experiments to optimize model performance and enhance inpainting quality on diverse datasets.
- Authored a comprehensive technical paper documenting research findings, methodologies, and results.

Projects

- Physics based Underwater Image Restoration using Vision Transformers
- Mask Free Image Inpainting using Stable Diffusion and Segmentation models
- Character Recognizer using Convolutional Neural Networks
- Library Management System using Data Structures

CERTIFICATIONS AND COURSES

- AI/ML for Geodata Analysis, IIRS, ISRO
- Deep Learning for Image Segmentation with Python and PyTorch
- Quantum Computing in Python using Qiskit
- Clean and Prepare data for Analysis in MATLAB

LANGUAGES AND FRAMEWORKS

Languages: C, C++, Java, Python, Javascript, SQL, MATLAB

Frameworks and Tools: Tensorflow, Qiskit, Pytorch, MS-Excel, MySQL