Arpanendu Khag

Enthusiast Learner | 📊 **Porfolio** 🔗 | ⚫ **github/ArpanenduKhag** 🔗

I solve problems in creative ways. At BCREC where I am going through my 3rd year of Computer Science Engineering, I have learned the importance of applying classical strategies to modern-day projects.

📍 Durgapur

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in Arpanendu Khag 🔗

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Ⓗ Hackerrank 🔗

Experience

Research Paper on CT Scanning to Detect IDLs
Programmer I 2022 – Present
– Using Deep Learning and **ResNet-50** Model

COE Program - CELEBAL TECHNOLOGIES
Data Engineer Intern I MAY 2024 - Present
– Data Engineering Traniee

GDG Durgapur
Team Lead I SEPT 2022 - Present
– Indulged as Graphics Team Lead and Web Developer

Student Enrichment Program - COGNIZANT
Team Leader I APR 2023 - MAY 2024
– Lead of Blockchain and Member of Hackathon Team

Education

Dr. B.C. Engineering College - B.Tech CSE
2021 - Present

D.A.V Public School, ECL Pandaveswar- XIIth(PCM)
2019 - 2021

D.A.V Public School, Dubrajpur - Xth
2007 - 2019

Achievements & Certificates

#2 at Arohan (2023): NIT DGP
#2 at INNO VENTURE EXPO (2024): CSI-BCREC
- **Python (Basic)HackerRank Certificate** 🔗
- **SQL (Basic & Intermediate) HackerRank Certificate** 🔗

5⭐ Hackerrank(Python)
5⭐Hackerrank(C)
5⭐Hackerrank (Problem Solving)

Projects

Doctor AI - Healthcare Chatbot 🔗
– A Virtual Assistant Ai chatbot for Medical assistance
– **Tools Used:** Flask, NLTK, Numpy, tensorflow, pyttsx3, speech_recognition, googletrans.

Sanket - The Voice of Unheard 🔗
– Real-time sign language gesture detection and translation
– **Tools Used:** NextJs, TfJs, Teachable Machine

Air Hockey 🔗
– A dynamic Air Hockey game
– **Tools Used:** Python, Tkinter for GUI development

Technical Skills

Programming Language

Python	C
Java	NodeJs

Development

HTML	PHP
CSS/SCSS	ReactJs
JavaScript	TfJs

Database

MySQL	MongoDB

Tools

Github	Figma
VS Code	Canva
Google Collab	

Project Management

Waterfall Model	Prototype Model
SDLC	

Communication & Collaboration Tools

Slack	Microsoft Teams
Zoom	

Key Strengths

Technical Proficiency

Collaborative Team Player

Problem Solving Skills

Attention to Details