

Arpanendu Khag

Enthusiast Learner | [!\[\]\(c8d96c8885d3000a912c2582004aed63_img.jpg\) Portfolio](#) | [!\[\]\(3ad821e3ca7dd4cb7003e9c8d982e254_img.jpg\) 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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-  Hackerrank

Experience

Research Paper on CT Scanning to Detect IDLs

Programmer | 2022 – Present

- Using Deep Learning and **ResNet-50** Model

COE Program - CELEBAL TECHNOLOGIES

Data Engineer Intern | MAY 2024 - Present

- Data Engineering Trainee

GDG Durgapur

Team Lead | SEPT 2022 - Present

- Indulged as Graphics Team Lead and Web Developer

Student Enrichment Program - COGNIZANT

Team Leader | 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
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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