








# Arpanendu Khag

Enthusiast Learner |  [Portfolio](#)  |  [github/ArpanenduKhag](#) 

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

-  Durgapur
-  [arpanendu2403@gmail.com](mailto:arpanendu2403@gmail.com)
-  [Arpanendu Khag](#) 
-  [+91 9635704940](tel:+919635704940)
-  [Hackerrank](#) 

## Experience

### DiMark AI

Software Development Intern | JUN 2024 – Present

- Designing and Developing the Front-end and Back-end System

### COE Program - CELEBAL TECHNOLOGIES

Data Engineer Intern | MAY 2024 - Present

- Data Engineering Traniee

### 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:** NLTK, Numpy, tensorflow, pyttsx3, speech\_recognition, googletrans.

### Sanket - The Voice of Unheard

– Real-time sign language gesture detection and translation

– **Tools Used:** TfJs, Teachable Machine, OpenCV, Keras

### 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