



# Mrinal Patra

## Software Engineer

I'm excited to dive into real-world projects and bring fresh perspectives to innovative solutions. With a strong foundation in coding, problem-solving, and a love for learning, I'm eager to contribute my skills to create efficient, scalable, and user-friendly software. My adaptability and enthusiasm for technology drive me to stay ahead of the curve and take on challenges with creativity and determination. I'm ready to collaborate, grow, and make an impact in the tech world!

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## EDUCATION

### Secondary Education

Vivekananda Vidya Mandir, Sector-2, Dhurwa, Ranchi-834004, Jharkhand

04/2008 - 06/2019

89.8 CGPA

### Higher Secondary Education

Vivekananda Vidya Mandir, Sector-2, Dhurwa, Ranchi-834004, Jharkhand

06/2019 - 06/2021

84

### Bachelor of Technology

St. Thomas College of Engineering and Technology, 4, Diamond Harbour Rd, Khidirpur, Kolkata-700023

10/2021 - Present

8.20

#### Courses

- Artificial Intelligence and Machine Learning

## SKILLS

Deep Learning

Python

SQL

Machine Learning

Object Oriented Programming

HTML

CSS

JavaScript

React.js

Data Structure and Algorithms

AWS

## PERSONAL PROJECTS

### Green Care (Group Project) (02/2024 - 12/2024)

- Objective: Crop Prediction, crop disease prediction and a 24/7 multilingual chatbot that provides feedback and enables interaction. Technical Details: Google Text-to-Speech, Natural Language Processing (NLTK and Keras), Streamlit, PyTorch, ReLU, TensorFlow, CNN

### Weather Pred (02/2023 - 02/2023)

- Objective: Live weather forecast around the globe along with detailed information. Technical Details: Tkinter, Python, json

### AI Voice Assistant (05/2025 - Present)

- Objective: AI Voice assistant using Grok Llm, Google TTS and Whisper AI. Real time interaction and multilingual translation using API.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Bengali

Full Professional Proficiency

## INTERESTS

Exploring New Technologies

Listening to Music

Sketching