

# DEEPAK BEHERA

Student

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[Linkedin](#) | [LeetCode](#) | [GitHub](#)

## EDUCATION

### GIET University

Computer Science and Engineering Bachelors

GPA: 8.20

Gunupur, Odisha

2022 - 2026

### Ghanshyam Hemlata Vidya Mandir (CBSE)

Science Intermediate

Percentage: 78.8%

Jharsuguda, Odisha

2020 - 2022

### Saint Thomas English School (ICSE)

Science Schooling

Percentage: 77.6%

Jharsuguda, Odisha

2008 - 2020

## EXPERIENCE

### GeeksforGeeksStudentChapter | Co-Lead Branding and Designing

GIETU | 2024 - 2025

Led and organized technical events, coding competitions, and workshops to foster a culture of learning and innovation among students. Collaborated with peers to plan hands-on sessions on data structures, algorithms, and emerging technologies, enhancing technical skills and community engagement. Mentored junior members, managed chapter activities, and contributed to building a vibrant developer community on campus.

## SKILLS

Programming Languages: Python, Java, JavaScript, HTML

Libraries/Frameworks: Flask, Scikit-learn, TensorFlow, Node.js, ML Libraries

Tools / Platforms: VS Code, Streamlit, Gradio, GitHub

Databases: SQL, MongoDB

## PROJECTS / OPEN-SOURCE

### VocalSync - An AI Podcaster | [Link](#)

Python, JS, Node.js, ARXIV API, LLaMA-3, ElevenLabs,

Resemble.ai, FFmpeg, Docker, SQLite3, Pydub, ChromaDB

VocalSync is an AI-powered platform that automates podcast creation from script generation to publishing. It uses generative AI to write scripts, advanced text-to-speech and voice cloning to produce realistic narration, and supports multiple languages and tones. Users can upload PDFs or links, customize voice features, and publish directly to podcast platforms. Designed as a scalable web tool, VocalSync simplifies podcasting for education, research, and entertainment.

### AI-Powered Health Monitoring & Herbal Remedy System | [Link](#)

React.js, Node.js, MongoDB,

Python (Machine Learning), TensorFlow

Developed an AI-powered system that analyzes user health data to provide personalized herbal remedies and health recommendations. Integrated machine learning models for symptom analysis, natural language processing for chatbot interactions, and a scalable backend for secure data management. Designed an interactive and user-friendly interface for seamless user engagement.

**Environmental Impact Tracker** *React.js, Node.js, MongoDB, Python (Pandas, NumPy, Scikit-learn), Data Visualization (Chart.js, D3.js), Machine Learning (Random Forest, SVM, Decision Trees), Feature Selection (RFE), Model Evaluation (Classification Reports, Confusion Matrix)*

The Environmental Impact Tracker is a data-driven system designed to monitor, analyze, and predict environmental changes based on historical and real-time data. It evaluates key environmental parameters, identifies potential risks, and provides actionable insights to support sustainable decision-making. The project combines machine learning models for predictive analysis with dynamic visual reporting to help organizations track environmental performance and improve compliance with environmental regulations.

**Water Resource Management Tool** *React.js, Node.js, MongoDB, Python (Pandas, NumPy, Scikit-Learn), GIS Mapping, Data Visualization (Chart.js, D3.js)*

Developed a data-driven tool for efficient water resource management, enabling users to collect, analyze, and visualize water-related data. Implemented machine learning models for predictive analysis and trend forecasting. Integrated GIS mapping for spatial data representation and built interactive dashboards for real-time monitoring and decision-making.

#### CERTIFICATIONS

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- Microsoft Certified: Azure AI Fundamentals - Microsoft.
- Machine Learning using Python - ARIES IIT Roorkie and Linguify.
- Introduction To Industry 4.0 And Industrial Internet Of Things - NPTEL.
- Problem Solving Through Programming In C - NPTEL.

#### HONORS & AWARDS

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- Publication : Leveraging Machine Learning for Process Monitoring in Environmental Impact Tracking
- 2nd prize in Idea Presentation in Departmental Fest
- Winner Learnathon 4.0, GIET University, 2025