

# Subham Kumar Sahoo

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## EDUCATION

### Institute of Technical Education and Research

Btech CSE(AI/ML) CGPA:-8.6(Till 3rd sem)

Bhubaneswar, Odisha

Sep. 2023 – Present

### Vedic Higher Secondary School

Higher Secondary Percentage:- 83.8%

Sambalpur

Aug. 2021 – May 2023

### Chinmaya Vidyalaya

Senior Secondary Percentage:- 80.6%

Sec-7,Rourkela

April. 2010 – Jun 2021

## EXPERIENCE

### Python Development Intern [\[Offer Letter\]](#)

Pinnacle Labs Pvt. Ltd.

July 2025 – August 2025

Kolkata, India (Remote)

### Software Engineer Intern [\[Offer Letter\]](#)

YugaYatra Retail (OPC) Pvt. Ltd.

July 2025 – Sept 2025

Bangalore, India (Remote)

## PROJECTS

### 1. Tree Disease Recognition System [\[GitHub Link\]](#)

- Achieved **92%+ accuracy** in detecting plant diseases using a CNN trained on **3,000+ leaf and bark images**.
- Built and deployed a real-time diagnostic app using Streamlit and cloud storage for scalable access.
- Technologies:** Python, TensorFlow, OpenCV, Streamlit, Git/GitHub

### 2. Library Management System [\[GitHub Link\]](#)

- Developed a desktop app with admin login, book issue/return tracking using Java Swing and JDBC.
- Implemented MySQL database integration with real-time search and user authentication via Java Swing GUI.
- Technologies:** Java, Swing, MySQL, JDBC, NetBeans, DbUtils.

### 3. Edu4All – AI-Powered Learning Platform [\[GitHub Link\]](#)

- Built an AI-based course generator with GEMINI AI and real-time YouTube video integration.
- Delivered **100% personalized learning** via Next.js 14, Clerk, Neon DB, and deployed on Vercel.
- Technologies:** Next.js 14, React, Tailwind CSS, Clerk, Neon DB, Drizzle ORM, Vercel

## TECHNICAL SKILLS

**Languages:** Java, MySQL, HTML, CSS

**Frameworks:** TensorFlow, Keras, PyTorch

**Developer Tools:** VS Code, Jupyter Notebook, Git, Github, IntelliJ, Eclipse, Anaconda Navigator

**CourseWork:** Data Structures, OOPS, Algorithms

## CERTIFICATIONS

- Introduction to Generative AI, Google Cloud [\[Link\]](#)
- Introduction to Deep Learning, Great Learning [\[Link\]](#)
- Machine learning With Python, Great Learning [\[Link\]](#)
- Python Programming, Great Learning [\[Link\]](#)
- Ninja Slayground 2.0, Coding Ninjas [\[Link\]](#)
- Hackathon( KODLAMA ), Coding Ninjas [\[Link\]](#)
- Crack Government Exam-Bank PO, Naukri Campus [\[Link\]](#)
- SkillQuest-Data Science Foundation, Simplilearn [\[Link\]](#)
- Data Visualisation : Empowering Business with Effective Insights ,Tata Group [\[Link\]](#)
- GenAI Powered Data Analytics Job Simulation, Tata Group [\[Link\]](#)
- Technology Job Simulation, Deloitte [\[Link\]](#)
- Data Analytics Job Simulation, Deloitte [\[Link\]](#)