

# DEBKUMAR BAKSI

## WEST BENGAL , INDIA

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**Email :** aec.cse.debkumarbaksi@gmail.com

**Languages :** English, Hindi, Bengali

**Interests :** Machine Learning ,  
Neural Network, Open-source  
development, Data Science ,Backend

### PROFESSIONAL SUMMARY

Computer Science and Engineering student skilled in Python, Django, and Machine Learning. Experienced in full-stack development and building data-driven projects using Scikit-learn, Pandas, and SQL. Passionate about backend systems, AI, and open-source development.

### EDUCATION

**College :** Asansol Engineering College

**Bachelor of Technology in Computer Science and Engineering**

**Expected Year of Graduation :** June , 2026

### TECHNICAL SKILLS

**Programming Languages:** Python (Advance), C/C++

**Web:** HTML, CSS, Flask, Django

**Databases:** MySQL, MongoDB

**Tools:** Git, Linux, VS Code, Github

**Frameworks:** Numpy ,Pandas , Matplotlib,  
Seaborn ,Scikit-Learn

### PROJECTS

**Heart Disease Prediction System** - Machine Learning Intern (Self Initiated) **Sep, 2024**

**Tech Stack:** Scikit-learn, Pandas, Django

- Built a machine learning model to predict heart disease risk based on medical data.

**BlogPlat - A blogging Platform** - Full Stack Web Developer **Feb, 2025**

**Tech Stack:** Django, HTML/CSS, SQLite

- Developed a full-stack blogging system with CRUD operations and authentication.

**Credit Card Fraud Detection** - Machine Learning Engineer **Feb, 2025 - Mar, 2025**

**Tech Stack:** Scikit-learn, Pandas, Matplotlib

- Created a classification model to detect fraudulent transactions.

**MIT-OCW** - Android Developer (Solo Project) **Feb, 2025**

**Tech Stack:** Java , XML

- Designed a simple yet effective app for MIT OpenCourseWire.

### EXPERIENCE

**Team Lead – Hardware Design (International Competition)** **Mar, 2024**

Led a team representing Asansol Engineering College; designed and presented an innovative hardware prototype solution.

**Machine Learning Engineer (Hackathon Project)** **Feb, 2025 - Mar, 2025**

Developed a Credit Card Fraud Detection System using machine learning; secured 1st place among 140+ teams in JIS Ideajam , 2025 .

### CERTIFICATIONS

- **Python Data Structures** – University of Michigan (Coursera), Sep , 2023
- **Introduction to Web Development** – UC Davis (Coursera), Mar , 2024