



Abhinandan Bakshi

✉ abhinandan.bakshi16@gmail.com ☎ 9330310535

📍 22/1 New Station Road, Bhadrakali, Hooghly, 712232 🔗 [codechef.com/users/abhi2555](https://www.codechef.com/users/abhi2555)

🌐 [linkedin.com/in/abhinandan-bakshi-4bb460228](https://www.linkedin.com/in/abhinandan-bakshi-4bb460228) 🐙 github.com/AbhinandanBakshi25

Recent B. Tech (AI/ML) graduate with hands-on experience in machine learning, web development, and Cloud computing. Proficient in Python, JavaScript, React, TensorFlow, and OpenCV. Passionate about building innovative solutions and continuously learning. Seeking an entry-level role in software development or machine learning to contribute technical expertise and grow professionally.

Education

2022 – 2025	B. Tech in Computer Science and Engineering (AIML), <i>Institute of Engineering and Management</i> CGPA: 9.19(8 th Semester), 8.42(OGPA)
2019 – 2022	Diploma in Computer Science and Technology, <i>Technique Polytechnic Institute</i> GPA: 8.1
2006 – 2019	Class 10, <i>Hind Motor Education Center</i> 78% (CBSE)

Skills

- **Programming Languages** — Python, JavaScript, HTML, CSS, java, c, c++, php
- **Frameworks and Libraries** — scikit-learn, TensorFlow, Keras, React, Node.js
- **Tools and Technologies** — Git, GitHub, MongoDB, OpenCV, Jupyter Notebook

Languages

English

Bengali

Hindi

Certificates & Achievements

- Coursera Certificate in Cyber Security Analyst (Professional)
- Coursera Certificate in Machine Learning(Professional)
- Director's Award for Best Student Contribution 2025 from the Institute of Engineering & Management

Interests

Artificial Intelligence

Machine Learning

Web Development

Cybersecurity

Data Science

Courses

IBM Course on Cybersecurity Analyst (Professional)

IBM Course on Machine Learning (Professional)

RKMV - Cyber Security

Personal Projects

06/2024 – 06/2025

Design and implementation of the edge-enabled UAV-assisted sensing and analytics framework for precision agriculture

- Technologies used: IOT Hardware and Machine Learning Models
- Applied machine learning models like CNN, SVM, KNN, Neural Networks for image processing and feature extraction
- Achieved high accuracy through rigorous evaluation and testing.

2023

Image Segmentation using Tiny ImageNet

- Technologies: Python, TensorFlow, Keras, OpenCV, NumPy
- Implemented a CNN model for object segmentation.
- Applied data augmentation and hyperparameter tuning for performance optimization.

2021 – 2022

Web Development: Tech News

- Frontend: HTML, CSS, JavaScript, React; Backend: Node.js, Express.js; Database: MongoDB; Version Control: Git, GitHub
 - Developed a fully responsive news website with real-time updates. Implemented user authentication and authorization. Integrated third-party news API to fetch and display the latest tech news.
 - Achieved fast load times and optimized performance through code-splitting. Enhanced user experience with features like article search, bookmarking, and personalized news feeds.
-

Hobby

- Reading Books
- Playing Musical Instruments
- Coding
- Photography
- Travelling