

ABHINAVA CHAKRABORTY

Computer Science Student | AI & Machine Learning Enthusiast | Front-End Developer

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Professional Summary

Computer Science student with a strong foundation in AI and Machine Learning, skilled in front-end development and problem-solving through algorithms and programming. Passionate about creating innovative, user-centric applications and leveraging technology to solve real-world challenges.

EDUCATION

Kalinga Institute of Industrial Technology, Odisha — B.tech

September 2022 - June 2026

Khanyadihi PK High School, West Bengal — XII

June 2020 - June 2022

Ramakrishna Mission Vidyabhavan, West Bengal — X

January 2014 - February 2020

PROJECTS

Multi-Functional Calculator Web App – Front-End Development

- Developed a responsive calculator application with basic, scientific, and unit conversion functionalities using HTML, CSS, and JavaScript, ensuring a seamless and user-friendly interface across devices.

Voice Assistant (JARVIS-Inspired) – Python Development

- Built a Python-based voice assistant capable of speech recognition, command execution, and basic task automation using libraries like SpeechRecognition and pyttsx3, enabling efficient hands-free operations.

Exploratory Data Analysis on Titanic Dataset – Data Analysis & Visualization

- Performed EDA on Titanic dataset using Python, Pandas, Matplotlib, and Seaborn to uncover survival trends and feature correlations through visual insights.

EXPERIENCE

HIGHRADIOUS, HYDRABAD — Intern | 2nd May 2025 - 27th May 2025

Assisted in strategy development, market research, and lead generation to boost brand visibility and sales.

Technical Skills

- Programming Languages: Python, C, JavaScript
- Web Development: HTML, CSS, React (Basics)
- Tools & Platforms: Git, VS Code
- Core Competencies: Data Structures & Algorithms, Machine Learning Concepts, Responsive Design

CERTIFICATES

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- AWS certificate : Introduction to Containers
- Strategy and Game Theory for Management
- Health Systems Development: Introduction to Health Systems

LANGUAGES

Hindi – Fluent

Bengali – Native

English – Fluent