



Uday Sutradhar

C-407, Azad Hall of Residence, IIT Kharagpur, West Bengal, India - 721 302 | ☎ +91 8348404779

✉ sutradharuday23@kgpian.iitkgp.ac.in | in [Uday Sutradhar](#) | 🌐 [UdaySutradhar](#)

EDUCATION

Degree/Exam	Institute	Year	SGPA / Percentage
B. tech in Metallurgical & Materials Engineering	Indian Institute of Technology, Kharagpur	2022-2026	7.24 /10
Higher Secondary education (C.B.S.E)	Sarada Vidya Mandir, Raiganj	2021	85.2%
Secondary Education (C.B.S.E)	Sarada Vidya Mandir, Raiganj	2019	87.6%

EXPERIENCE

Internship | CodSoft (15th Aug- 15th Sep)

Web Development Intern

- Got a hands on experience on a 4 week internship on web development from the mentors of CodSoft
- Done several web development tasks assigned with in a limited time frame to give the full experience of timely schedules

PROJECTS

AI CHAT BOT(Dogi)

Apr 2023 - Present

The project is based on building a Chatbot named Dogi. The project is completely based on Python and it's modules & libraries. It's a bot who is there to do random chit chats with you and even give insides and informations of what you ask related to the outside world. It's a newly developed AI who doesn't know much about the outside world but will improve by its mistakes with the help of Machine Learning. It is an Ongoing Project because of a lots of additions are about to take place

- hosted and deployed on GitHub pages, allowing for easy access and demonstration of the project to a wider audience
- Implementing responsive web design principles to ensure optimal viewing experiences across various devices and screen sizes, emphasizing accessibility

CHESSE

Sep 2023 - Present

The project is based on building a Chess game. The game is beautifully designed with the help of HTML5, CSS3 and JavaScript. The game has all the inbuilt animations and rules as that of a real chess game. All the animations are done with the help of CSS5 and JavaScript. The project is ongoing as several more features are to be added later on like that of an AI for single player mode, and will also add a multiplayer mode.

- Implementing responsive web design principles to ensure optimal viewing experiences across various devices and screen sizes, emphasizing accessibility
- hosted and deployed on GitHub pages, allowing for easy access and demonstration of the project to a wider audience

CALCULATOR

20th Nov- 22nd Nov

Developed a command-line based calculator implemented in Python and serves as a fundamental tool for performing basic arithmetic operations conveniently and efficiently, showcasing object-oriented programming principles for efficient code organization and modularity seamlessly

- Implementing subsequent functions and using function prototyping in main function so that it can be recognized for the call of each function individually
- hosted and deployed on GitHub pages, allowing for easy access and demonstration of the project to a wider audience

TUNEBOX

This web-based application will focus on enhancing the chance to get wide range of resources on specific instrument. Basically it will offer the users courses, online resources, tools, scale note and many related things together at free of cost. This tUneBOX really help you to find exactly what you want in your different skill levels

- The website is beautifully designed and made interactive with the help of HTML5, CSS3 and JavaScript

TIC-TAC-TOE

- Engineered a Tic-Tac-Toe game with the help of JavaScript, And designed the beautiful animations of the game with help of HTML5 and CSS3

A Beautifully Designed Interactive Website(SakShat)

22nd Feb- 18th Jun

As the name suggests. A beautifully designed and interactive website was build consisting of several webpages. The project majorly consists of CSS for styling and designing the webpage and javascript for making the webpages interactive

- Implementing responsive web design principles to ensure optimal viewing experiences across various devices and screen sizes, emphasizing accessibility
- hosted and deployed on GitHub pages, allowing for easy access and demonstration of the project to a wider audience

PORTFOLIO-WEBSITE : Deployed my personal portfolio, displaying my skills, projects, experiences, and accomplishments in the tech domain 17th Mar- Running

- The website is fully optimized for any screen size and is deployed using a host name with .tech in it, udaysutradhar.tech

SKILLS

- **Languages:** C, C++, Python, Java, HTML5, CSS3
- **Frameworks, Libraries and Tools:** Django, NumPy, git, GitHub, Arduino, Figma, SolidWorks, Fusion360

COURSEWORK INFORMATION

UNIVERSITY COURSES

● CS10003 - PROGRAMMING AND DATA STRUCTURES

CS19003 - PROGRAMMING AND DATA STRUCTURES LABORATORY

● MA11003 - ADVANCED CALCULUS

MA11004 - LINEAR ALGEBRA, NUMERICAL AND COMPLEX ANALYSIS

● MA20205 - PROBABILITY AND STATISTICS

NON UNIVERSITY COURSES

● MACHINE LEARNING SPECIALIZATION (Andrew Ng)

Supervised Machine Learning, Advanced Learning Algorithm, Unsupervised Learnings

● INTRODUCTION TO ARTIFICIAL INTELLIGENCE

● DEEP LEARNING

● META BACK-END DEVELOPER PROFESSIONAL CERTIFICATE

● GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE

ACHIEVEMENTS AND AWARDS

● Academic Excellence Award – WBJEE'22

- Received the Academic Excellence Award by Chief Minister for achieving the rank in the WBJEE examinations-2022

● Qualified JEE Main and JEE Advanced

- Successfully cleared both JEE Main and JEE Advanced, demonstrating proficiency in competitive examinations

POSITION OF RESPONSIBILITY

● HEAD OF WEB DEVELOPMENT | CLUMOSS

Aug 2023-Dec 2023

EXTRA CURRICULAR ACTIVITIES

● NCA (NATIONAL CULTURAL APPRECIATION) SINGER, IIT KGP

2022-2024