# JIYANSHU CHAKRABORTY

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## EDUCATIONAL QUALIFICATIONS

| Course (Stream)/Examination | Institution/University | Year of Passing | Performance |
|---|---|---|---|
| BCA | UNIVERSITY OF SCIENCE AND TECHNOLOGY MEGHALAYA | 2025 | CGPA 6.36 |
| . AISSCE(Arts) | Kendriya Vidyalaya Digaru Assam(39273) | 2022 | 87.6% [438/500] |
| AISSE | Kendriya Vidyalaya Digaru Assam(39273) | 2020 | 65.8% [329/500] |

## ACADEMIC PROJECTS

**(JANUARY -2025-JUNE-2025)**

**1 . SMART PARKING SYSTEM Using IOT:**

**Objective:** Option 1 (Concise Objective):
To leverage expertise in IoT and embedded systems to develop and implement innovative smart parking solutions, optimizing urban mobility and resource utilization.
Option 2 (Slightly More Detailed Objective/Summary):
Seeking a challenging role where I can apply my skills in IoT, sensor integration, data analytics, and cloud platforms to design and deploy efficient and user-friendly smart parking systems, contributing to intelligent city initiatives.
Option 3 (Project-Focused Summary for a specific project):
Developed a "Smart Parking System using IoT" that enhances parking efficiency and user experience through real-time occupancy monitoring, predictive analytics, and mobile integration. Seeking opportunities to apply these skills in innovative IoT solutions.
Resume Section: Project Description / Key Achievements (Short Brief for "SMART PARKING SYSTEM USING IOT")
Brief User Description for Resume (to be included under a "Projects" or "Experience" section):
Smart Parking System using IoT: Designed and implemented an IoT-based system for real-time parking space monitoring and management. Utilized ultrasonic sensors for occupancy detection, ESP32/Node MCU for data transmission to a cloud platform (e.g., Firebase/AWS IoT), and developed a user-friendly mobile application/web interface for live availability updates, navigation, and booking. This project aimed to reduce traffic congestion, optimize parking utilization, and improve the overall urban parking experience.

**2 . Jarvis Chatbot Project: HTML, CSS, JavaScript:**

**Objective:** To apply HTML, CSS, and JavaScript expertise in front-end development, creating interactive and user-centric web application

**Project Brief:** Jarvis Chatbot (HTML, CSS, JS): Developed an interactive, browser-based chatbot with HTML for structure, CSS for a sleek UI, and JavaScript for dynamic user interaction and response generation. Showcased strong skills in UI/UX design and front-end development.

## SKILLS

| Databases and Programming languages | Software Tools | Soft Skills |
|---|---|---|
| HTML/CSS ,Javascript,Python ,MySQL, SQL ,MongoDB ,React ,Nodejs | Microsoft Power BI, MS Excel, Google Sheet, MS Word. | Communication,Critical thinking, Problem Solving, Team player collaboration,Time Management |