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Rajesh Kumar Das

Phone no: +91 98005 40761

Email address: rajeshkumardas2004@gmail.com

LinkedIn Id: linkedin.com/in/rajesh-das-436409292

GitHub: github.com/RAJESHWICK

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| **CAREER OBJECTIVE** |  |

* To obtain a responsible position in Information Technology where I can apply my skills in Artificial Intelligence, Machine Learning, IoT, and Web Development to build innovative, real-world solutions, while advancing my technical expertise and contributing to organizational growth.

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| **ACADEMIC QUALIFICATION** | | | |
| Year | Degree | Institute | % / CGPA |
| 2022-2026 | B.Tech CSE | Assam down town University | Pursuing |
| 2022 | 12th (CBSE) | Kendriya Vidyalaya fort William, Kolkata | 73.00% |
| 2020 | 10th (CBSE) | Kendriya Vidyalaya fort William, Kolkata | 78.00% |

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| **ADDITIONAL COURSES/ CERTIFICATIONS** |  |

* Rest API (Intermediate), Programming for Everybody (Python), Web App Development with JS & MongoDB
* Intermediate PostgreSQL, MongoDB: Complete Guide
* Certificate in Programming for Everybody (Coursera)
* Certificate in Foundation for Interviewing with confidence

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| **PROJECTS** |  |

* **MediPrompt:** AI Diagnostic Report Generator built with Python, Flask, and a custom AI model. Automated report creation, reducing manual drafting time by 70%.
* **ChatApp:** Real‑time web chat application using React and Firebase. Implemented user authentication.
* **HRM Alert System:** Heart‑attack alert system integrating Twilio SMS API and IoT sensors. Enabled immediate notifications to emergency contacts or personal doctors.
* **Li‑Fi Data Transmission:** Developed a Li‑Fi communication prototype with Arduino and LEDs.
* **PG Booking Web Service:** Full‑stack application for student housing bookings using MongoDB, Node.js, and Nginx.
* **AI-Powered Employee Attendance System**  
  A face-recognition-based attendance solution using OpenCV and the face recognition library. The system identifies employees in real time through webcam feed, records attendance securely in PostgreSQL, and allows on-the-fly enrollment of new employees with card ID integration.
* **AI-Powered Chatbot for Government Schemes and Financial Aid**  
  An NLP-based chatbot designed to assist citizens in accessing information about government schemes and financial aid. Developed using Python and NLP libraries, the chatbot is scalable for deployment in public services.

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| **KEY SKILLS** |  |

* **Languages:** Python, JavaScript, HTML5, CSS, C/C++
* **Frameworks & Tools:** Flask, React, Tkinter, Arduino IDE, Firebase, WebStorm, PyCharm, VS Code
* **Version Control & DevOps:** Git, GitHub, Nginx
* **Soft Skills:** Team Collaboration, Open-mindedness, Dependability

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| **HOBBIES** |

* Interest in reading articles about technologies
* Playing chess
* FPS Gaming

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| **ACHIEVEMENTS** |  |

* Selected as a **Finalist in Smart India Hackathon 2024 (Hardware Edition)**, one of India’s largest national innovation competitions organized by the Government of India, held in Bangalore. Represented Assam Downtown University and successfully reached the final round with an innovative hardware-based solution.

**Declaration:**

I do hereby declare that all the information stated above is true to the best of my knowledge and belief.

Date: 26/08/2025 Rajesh Kumar Das  
Place: Assam down town University