RICHIK DEY

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# SUMMARY

A dedicated IT undergraduate with diverse skills in Data Analytics, Machine Learning (ML) and Artificial Intelligence (AI). Proficient in Python Programming, Data Visualization and Model Development. Experienced in applying Statistical Methods, ML Algorithms and Cloud-based solutions to real-world datasets through academic projects and training.

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| **EDUCATION** |  |
| Bachelor of Technology (Information Technology), KIIT DU, Bhubaneswar 7.61 CGPA | **2022-2026** |
| 12th CBSE (Science), Sri Sri Ravishankar Vidya Mandir, Agartala, 85.8% aggr. | **2022** |
| 10th TBSE, Shiksha Niketan H.S. School, Agartala, 80.6% aggr. | **2020** |
| **PROJECT** |  |
| **Student,** KIIT University, Bhubaneswar, Odisha | **02/2025 – 03/2025** |

**Project Title:** Speech Recognition in Healthcare / **Domain:** AI in Medical Diagnosis

**Environment:** Python, TensorFlow/Keras, Librosa, Scikit-learn, Matplotlib, Seaborn, Jupyter Notebook

**Description:** Developed a CNN-based Deep Learning model using MFCC features to classify medical audio signals (speech, coughs, breathing) for early detection of respiratory conditions like asthma and pneumonia.

# INTERNSHIP EXPERIENCE

**Intern,** Academy of Skill Development (ASD), Govt. of West Bengal **05/2025 – 06/2025 Completed 8-week Industrial Training** in Data Science, AI & ML using Python under the AICTE–NEAT initiative, organised by ISO 9001:2015 MSME-certified ASD.

**Gained hands-on experience** through expert-led live sessions, project-based learning, and application-focused training

modules to build practical skills.

**Worked with industry-standard tools and libraries** to strengthen technical expertise and bridge academic knowledge with industry requirements.

# CERTIFICATIONS

* Internshala Trainings Certified Python Programming from NSDC & Skill India **2025**
* Agile Project Management Certification from HP LIFE & Foundation **2025**
* Cloud Computing with AWS Certification from Scalar Topics **2025**
* GenAI for Begineers Certification from Great Learning Academy **2024**
* GUVI & HCL Certified Python from Google for Education Partner **2023**

**SEMINARS AND WORKSHOPS**

* Ungergone webinar on **NumPy (Python)** by NIELIT, 2024
* Participated in AWS Cloud Clubs event **"Head in the Clouds"**, 2024
* Completed one day **AI Tools** workshop by Be10X, 2024
* Joined workshop on **“No-Code Web Development”** by Skilloze, 2024
* Attended Internshala **“KaamKiBaat”** session, 2023

# TECHNICAL SKILLS

* **Languages:** Python, R, SQL, HTML/CSS, Java, C
* **Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch
* **Operating Systems:** Windows, UNIX/Linux, Ubuntu
* **Tools & Platforms:** PowerBI, Tableau, MS Excel, PowerPoint, Word, Access, Google Sheets, Docs, Slides, Colab, Jupyter Notebook, Visual Studio Code, Web Development, UI/UX Design, Git & Github
* **Other Skills:** Object-Oriented Programming (OOP), Data Structures, Design & Analysis of Algorithms, Database Management System (DBMS), Software Engineering, Computer Networks, Computer Organisation & Architecture, Big Data

# AWARDS AND RECOGNITIONS

* Secured **3rd Position in All India Ankan Ratna (Painting)** from Bangiya Sangeet Parishad, West Bengal **2018**
* Achieved **2nd Prize in NEEPCO State Level Energy Conservation** by Ministry of Power, Govt. of India **2017**
* Won **Gold Medal in All India Art Competition** by Maruti Art Academy, Gujarat **2017**
* Attained **1st Position in National Painting Competition** by Indian Council for Child Welfare, New Delhi **2016**
* Received **Kala Guru Award at National Level** from Kala Sarthi Art Foundation, Gujarat **2016**
* Awarded **CCRT Scholarship (Visual Arts)** by Centre for Cultural Resources and Training, New Delhi **2016**

**LANGUAGES**

* English
* Bengali
* Hindi