



Ayanava Dutta

Roll No.:2511AI61

M.tech Artificial Intelligence

Mathematics and Computing

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Github | Website

LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (AI)	Indian Institute of Technology, Patna		2025-Present
B.Tech. (CSE)	Kalinga Institute of Industrial Technology, Bhubaneswar	7.76	2017-2021
Senior Secondary	CBSE Board	61.4%	2017
Secondary	ICSE Board	82.6%	2015

EXPERIENCE

- PricewaterHouse Coopers** *Sept 2021 - Jun 2023*
Associate 2 - Data Analytics And AI
Bangalore
 - Spearheaded a 12-member team to automate Excel transformations, developing a Pandas-based solution deployed on Azure. This initiative converted complex raw files into a flat structure, significantly improving data readiness for Power BI dashboards.
 - Managed a team to extract data from SAP ECC, then developed and tested ETL objects to support migration to S/4HANA. We created PL/SQL stored procedures for data quality profiling and data loading as part of the development process
- Higradius** *April 2020 - July 2021*
Data Science Intern
Bhubaneswar
 - Spearheaded a 4-member intern team to build a Dockerized Web Application using Streamlit, automating workflows and accelerating the development life-cycle.
 - Developed a Remittance Prediction system for the Cash Application team, accurately forecasting invoices lacking remittance details.
 - Optimized data validation by implementing an Image Gallery feature that unified image and text review, reducing manual effort and improving efficiency.
- Higradius** *April 2020 - June 2020*
Summer Intern
Bhubaneswar
 - Identified user requirements and Developed a full-stack B2B AI enabled cloud application and implemented chat-bot feature using Dialogflow.
- Coding Ninjas** *Apr 2020 - Aug 2020*
Teaching Assistant
New Delhi
 - Mentored 100+ students in a Data Science and Machine Learning course, achieving a 4.8/5 approval rating for resolving their doubts and evaluating project performance.

PROJECTS

- Covid Detection Tool** *Jun 2022*
Detect and differentiate between lung infected by Covid-19 and Pneumonia, highlight the affected area using Gradient-weighted Class Activation Mapping (GRAD-CAM)
Live Url | Github
- Envirus** *Mar 2020*
App which **predicts the AQI** w.r.t to increase in number of vehicles, also display the level of pollutants in a current area and predict future contamination level.
Github

TECHNICAL SKILLS

- Programming:** C/C++, Python, SQL
- Tools & OS:** Git, Jupyter Notebook, Pycharm, Docker, Databricks, PowerBI, Linux, Windows
- Libraries/Frameworks:** Pandas, Numpy, Scikit-learn, Pytorch, FastAI, LangChain, Streamlit

ACHIEVEMENTS

- Conducted Webinar** on Introduction To Artificial Intelligence at Kishanganj Polytechnic College
- Secured 3rd place** in Makovation v2.0 for Start-up Idea organised by KIIT E-Cell and Startup Odisha

CERTIFICATIONS

- Microsoft Certified: Azure AI Engineer Associate (AI-102)
- Microsoft Certified: Azure Data Scientist (DP-100)
- AWS Certified Cloud Practitioner.
- MTA: Introduction to Programming using Python