Ayanava Dutta

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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, Bhubaneshwar	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

- **Highradius** *April 2020 – July 2021*
  Data Science Intern Bhubaneshwar
  – Spearheaded a 4-member intern team to build a Dockerized Web Application usinf 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.

- **Highradius** *April 2020 – June 2020*
  Summer Intern Bhubaneshwar
  – 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 Live Url | Github
  area using Gradient-weighted Class Activation Mapping (GRAD-CAM)
- **Envirus** *Mar 2020*
  App which **predicts the AQI** *w.r.t to increase in number of vehicles, also display the level of* Github
  pollutants in a current area and predict future contamination level.

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