



# Ayanava Dutta

Roll No.:2511AI61

M.tech Artificial Intelligence

Mathematics and Computing

Indian Institute Of Technology, Patna

+91-9556386605

[ayanava1999@gmail.com](mailto:ayanava1999@gmail.com)

[ayanava2511ai61@iitp.ac.in](mailto:ayanava2511ai61@iitp.ac.in)

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, 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

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

Bhubaneshwar

- 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.

### • Highradius

April 2020 – June 2020

Bhubaneshwar

- Identified user requirements and Developed a full-stack B2B AI enabled cloud application and implemented chatbot feature using Dialogflow.

### • Coding Ninjas

Apr 2020 – Aug 2020

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

Live Url | Github

*Detect and differentiate between lung infected by Covid-19 and Pneumonia, highlight the affected area using Gradient-weighted Class Activation Mapping (GRAD-CAM)*

### • Envirus

Mar 2020

Github

*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.*

## 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