

# ARCHIT CHOUDHURY

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## EDUCATION

**Kalinga Institute of Industrial Technology**

*B.Tech in CSE ( CGPA- 8.84)*

October 2022 – July 2026

*Bhubaneswar*

**D.A.V Public School, Kalinga Nagar**

*Class 12 in Science (92.2%)*

April 2021 – April 2022

*Bhubaneswar*

## PROJECTS

**Insightful Income Analysis** | *Python, Streamlit, Gemini API* | [🔗 Live Link](#) [🐙 Github](#)

June 2024

- Developed a robust machine learning model for **income prediction**.
- Built a logistic **regression** model for income prediction and created a **Streamlit** website for data visualization to gain insights.
- Integrated **Gemini API** and **PandasAI** to convert **Natural Language Queries** into downloadable CSV results.

**Meetup.app** | *Next.js, TypeScript, Clerk, Stream, ShadCN* | [🔗 Live Link](#) [🐙 Github](#)

August 2024

- Developed a full-featured video conferencing web application with features like secure authentication, **real-time communication**, meeting management, and responsive design
- Integrated Clerk to handle user **authentication**, enabling secure login and proper access control.
- Implemented **real-time features** like video/audio controls, screen sharing, and meeting recording with **Stream**.

**Ecommerce Sales Dashboard** | *PowerBI* | [🔗 Live Link](#) - [🐙 Github](#)

May 2024

- Developed an interactive dashboard that allows easy exploration of online sales data.
- Established connections, joined tables, and performed calculations to manipulate data and enhance visualizations.

**Card Fraud Dataset QueryBot** | *Python, Langchain, Streamlit* | [🔗 Live Link](#) - [🐙 Github](#)

June 2024

- Developed a Query Bot that allow users to interact using natural language queries.
- Leverages Streamlit for the frontend interface and **Google PaLM** for processing natural language to SQL conversions.

## EXPERIENCES

**Intel Unnati Program - Summer 2024**

*Summer Intern - Team Lead*

May 2024 – July 2024

*Remote*

- Worked on Knowledge Representation and **Insight** Generation from structured datasets using various charts and graphs using Seaborn and Matplotlib.
- Deployed multiple **prediction** algorithms to predict accurate results.
- Incorporated interactive chat features that translate **Text-Based** queries into downloadable data, providing an intuitive interface for **dataset interaction**.

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Javascript

**Developer Tools:** VS Code, Github, MySQL, MongoDB, Figma, PowerBI

**Relevant Coursework:** Data Structures, Operating Systems, Database Management Systems

**Technologies and Frameworks:** Tailwind CSS, ReactJS, NextJS, Numpy, Scikit-learn, Azure

## EXTRA CURRICULAR

- Co-Creator, Lead Designer of **The Eco-Game**. Crafted a compelling board game to spark environmental awareness and action among children. Sold and donated one to underprivileged children for every purchase.
- Photographer** @KreativeEyeKIIT - Official Broadcasting Society of KIIT University