ANANDA MUHURI

📞 +91-8731910655   ✉ anandamuhuri1@gmail.com   in Ananda Muhuri   ⌂ AnandaMuhuri

Education

National Institute Of Technology Agartala	**2021-2025**
Bachelor of Technology in Electronics and Communication	*C.G.P.A:6.82*
Baikhora H.S. School	**2019-2021**
Higher Secondary Education(TBSE)	*Percentage:85.20*
Baikhora H.S. School	**2014-2019**
Secondary Education(TBSE)	*Percentage:91.80*

Experience

AI & ML Intern at National Informatics Centre (NIC)   Certificate   **15 May 2024 – 30th June 2024**

Summer Intern, NIC Tripura State Centre

* Worked on a project titled "FAQ Chatbot" to automate customer queries and improve user interaction using AI.
* Leveraged Python, PostgreSQL, and Phi-2 Large Language Model (LLM) to build a scalable natural language processing system for the chatbot.

TalkEngGlobal, Certificate   **1st July 2023 – 31st July 2023**

Web Development Intern

* Revamped company website using the MERN stack, resulting in a 30% increase in user engagement.
* Implemented SQL databases for data management, enhancing data retrieval efficiency by 40%.
* Contributed to 4 major projects, gaining practical experience in web development and project execution.

Projects

SocialSync : A MERN powered social-hub

| *MongoDB, Express, React, Node.js, Redux Toolkit, Material-UI, Multer, JWT, Mongoose. Git*   **February 2025**

* This project is a social media platform built using the MERN (MongoDB, Express.js, React.js, Node.js) stack, allowing users to register, log in, create posts, like posts, and interact with others.
* It includes JWT-based authentication, Redux for state management, Multer for image uploads, and Cloudinary for image hosting, making it a modern, secure, and scalable social networking application.

FAQ Chatbot for SQL Query Generation and Natural Language Interaction

| *PostgreSQL, Python, Langchain, and Phi-2 LLM Git*   **June 2024**

* Designed and implemented an automated chatbot system using PostgreSQL, Python, Langchain, and Phi-2 LLM.
* Transformed complex database interactions into simple natural language queries, enhancing user accessibility.
* Integrated an AI model to convert user questions into accurate SQL queries, streamlining data retrieval processes.

Zomato Data Analysis Project

| *Python, Pandas, Matplotlib, Seaborn, Git*   **August 2024**

* Analyzed Zomato restaurant data to visualize trends in customer ratings, restaurant types, and order preferences.
* Compared online vs offline order ratings and identified that cafes receive more online orders, while dining establishments rely on offline orders.

Skills

* **Programming Languages:** C, C++, JavaScript, Python, TypeScript, SQL
* **Web Development:** HTML5, CSS3, React, Node.js, Express, REST APIs
* **Technical Capabilities:** Excel, Matlab, HFSS, Machine Learning (pursuing)
* **Tools/Library:** PostgreSQL, MySQL, PowerBI, PyCharm, Pandas, NumPy
* **Version Control:** Git, GitHub
* **Languages:** Bengali (Native), English (Fluent), Hindi (Fluent)

Extra Curriculum Activities

* **Mentorship**
  Provided guidance in programming and development to juniors & friends.

* **Core Member of Phewsion Club NITA**
  Organised events on different cultural and Tech fests.

* **Active Volunteer at Child Orphanage**
  | *NABA PRANTIK, Agartala*
  Engaged in activities to support and educate children in an orphanage, contributing to their overall well-being and development.

Achievements

* Awarded Ishan Uday Scholarship by UGC for excellency in academics.	*2021 - Present*
* Secured 2nd position in Sub-Division Level Junior Mathematics Olympiad (JMO).	*2017*
* Secured 8th position in Sub-Division Level Junior Mathematics Olympiad (JMO).	*2016*