Aayush Kumar Gupta

DATA ANALYST | DATA SCIENCE | ML ENGINEER

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- Kalinga Institute Of Industrial Technology
- Information Technology - 2027

Respected Sir / Maam   **2025**

I am writing to express my enthusiasm for a position within your Tech team. As a dedicated 3rd-year B.Tech student in Information Technology at KIIT University, I bring a strong academic foundation, practical experience, and excellent communication skills.

Previously, I interned at Pinnacle Lab, where I developed a financial speechbot capable of providing real-time insights and solutions to everyday financial issues. At Rising Star Business Consultancy, I contributed to the commercial development of a voice assistant music player, focusing on API integration, database design.

I have actively contributed to open-source projects through my skills in AI, ML, Data Science, and Analytics. At the KIIT IoT Lab, I led a project focused on child safety from inappropriate online content, which earned me university-level recognition. I also serve as the ML contributor for the UiPath Community, heading a team of 60 of the university's brightest minds.

Additionally, I had the honor of delivering a talk on Computational Intelligence in front of 700+ top students and researchers, showcasing my leadership, public speaking, and team coordination skills.

Proficient in Python, Java, C/C++, SQL, NLP, Power BI, and API integration, I combine technical expertise with practical deployment experience to deliver scalable, intelligent solutions.
I'm eager to contribute my skills and energy to your team. Thank you for considering my application.

Best regards,
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Education

Kalinga Institute Of Industrial Technology | July 2023 - April 2027

Bachelor of Technology in Information Technology, under school of computer science engineering, Bhubaneswar

Projects & Research Papers

Voice Assistant For Developers | *Speech Recognition, GenAI, LLM*   *Project Link*

- Developed a LLM's interactive speech recognition system for task management and human-like conversations.
- Offers 99.9% accurate error detection, real-time debugging for Python, Java, C/C++, and more, while delivering data on any known topic.
- Generates letters, essays, and personalized emails with 96% precision & Prompt Engineered to show Human like Emotions.

Emotion Insight for Child Safety from Online Content | Advance *NLP, Python, Streamlit*   *Deployed Successfully*

- Created a platform using web scraping and sentiment analysis to ensure online content is safe for children.
- Leveraged NLTK and Ensemble learning with SVC, RF, and LR to achieve 83% accuracy and Deployed on Streamlit.
- Highly Scalable for future advancements and implementations.

Honors - Awards

School Topper – Recognized for outstanding academic excellence.

Best Machine Learning Contributor Award – Honored for significant contributions to machine learning advancements.

Build With India – Awarded by HackWithIndia for securing Top 5000 teams out of 25000 Participation

Best Contributor Award – Acknowledged for outstanding contributions to development and innovation.

Idea Pioneer Certificate - Reached 2nd Stage of Leap Ideathon conducted my Providence India

Skills

Libraries / Frameworks : Scikit-learn, OpenCV, GPT Transformer, API, Natural Language Processing, Power BI

Languages : Python, Java, C / C++ , Procedural Language SQL, Shell Script, Java Script

Relevant Coursework

Course work : Data Structure and Algorithms, Operating Systems (Linux), Object Oriented Programming (OOP), Database Management System (DBMS), Probability and Statistics, Discrete Mathematics, Database Design

Concepts : Artificial Intelligence, Machine Learning, Natural Language Processing, ML Model Design, Power BI, Gen-AI, HTML, CSS3, Bootstrap, Web Design, JavaScript, Git, GitHub

Experience

Grras Solution pvt. Ltd | April 2024 - August 2024

Summer Training Internship in Data Science and Machine Learning and AI

- Cleaned, pre-processed, and analysed large datasets using Pandas and SQL, boosting performance by 20%.
- Built interactive dashboards with Power BI driving for HR Analytics.

Data Science Intern in Pinnacle Lab Pvt Ltd.

- Developed and deployed a Personal Finance Chatbot which can recommend real life solution to day to day financial issues, This bot can also help in getting insights from the news

Positions of responsibility

UiPath USC ML core Member | July 2024 - present

- Developed advanced ML models using Python, Scikit-learn, and NLP for predictive modeling, sentiment analysis, and data insights.
- Lead many events showcasing my Leadership Quality

KIIT iOT Lab ML Researcher | May 2024 - present

- Contributed to GitHub Repositories of KIIT iOT Lab and Earn University Level Recognition in Research and Applied ML
- Delivered a Computational Intelligence talk to 700+ participants.
- Leading the Research Area of Indian Stock Market using ML and DL models with the team of 6 Enthusiast