✉Ishan Tiwari

📞+91-9038819333 — LinkedIn — GitHub — LeetCode — Portfolio

1 Education

- **Indian Institute of Information Technology, Guwahati (IIITG)**
  Guwahati, Assam
  B.Tech – Computer Science and Engineering (2023 – 2027)

2 Projects

- **EchoAI – Full-Stack AI Assistant**

  - Technologies: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB

  - Description: Designed and deployed a full-stack AI assistant integrating chatbot image generation APIs. Improved response times by 35–40

- **TweetMood – Real-Time Sentiment Analyzer**

  - Technologies: Python, Streamlit, scikit-learn, NLTK

  - Description: Built and deployed a real-time sentiment prediction app using a Logistic Regression model trained on 1.6M tweets with 82% accuracy. Optimized model inference pipeline, reducing response latency by 28% and supporting 69 req/s with 0% failures. Delivered a seamless user experience via Streamlit Cloud deployment.

- **LeetPeek – Live Coding Profile Visualizer**

  - Technologies: HTML, CSS, JavaScript, LeetCode API

  - Description: Developed a responsive web dashboard visualizing real-time coding stats and contest progress. Implemented API-driven updates with advanced search and filtering features for usability. Enhanced engagement by improving load efficiency and UI responsiveness.

3 Technical Skills

- **Languages:** Java, Python, C++, JavaScript, C, Prolog

- **Core CS:** Data Structures & Algorithms, Operating Systems, DBMS, OOP, Computer Networks, Cloud Computing

- **ML/NLP:** NumPy, Pandas, scikit-learn, Statsmodels, NLTK

- **Databases:** MySQL, MongoDB, DynamoDB

- **Web Dev:** HTML, CSS, React.js, Node.js, Express.js, REST APIs

- **Cloud & Tools:** AWS (S3, EC2, DynamoDB, boto3), Git, GitHub, Jupyter Notebook

- **Testing:** JUnit, PyTest

4 Achievements

- LeetCode: Solved 300+ problems; Max Rating: 1730 (Top 10.95%)

- AlgoUniversity: ATF 2024: Stage 2 Candidate. Certificate

- Udemy: Completed The Complete Machine Learning Course with Python. Certificate

5 Positions of Responsibility

- **Technical Team Member – I&E Cell, IIITG**
  Jan 2024 – Present: Contributed to the redesign and modernization of the E-Cell website, improving its visual appeal and accessibility.

- **Technical Team Member – INIZIO 2025**
  Jan 2025 – Mar 2025: Developed the Sponsors page for the official website of INIZIO 2025 and mentored juniors on academic and professional development strategies.