ISHAN TIWARI

ishan11032005@gmail.com | +91-9038819333 | in LinkedIn | GitHub | </> LeetCode | Portfolio

EDUCATION

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

PROJECTS

EchoAI – Full-Stack AI Assistant |*HTML, CSS, JavaScript, Node.js, Express.js, MongoDB*
- Designed and deployed a full-stack AI assistant integrating chatbot & image generation APIs.
- **Improved response times by 35–40%**, enhancing user experience and enabling scalability to **50+ concurrent users with zero failures**.
- Benchmarked system performance at **42 req/s** (avg latency **128ms**, p95 < 180ms) with 0% error rate.
- Deployed frontend via GitHub Pages & backend via Railway for reliability and scalability.
  Live: EchoAI
  Repository:

TweetMood – Real-Time Sentiment Analyzer |*Python, Streamlit, scikit-learn, NLTK*
- 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.
  Live: TweetMood
  Repository:

LeetPeek – Live Coding Profile Visualizer |*HTML, CSS, JavaScript, LeetCode API*
- 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.
  Live: LeetPeek
  Repository:

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

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.

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.