

Arushi Waddepalli

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EDUCATION

- Indian Institute of Information Technology, Lucknow** Lucknow, India
Bachelor of Technology - Information Technology; CGPA: 8.8 Aug 2024 - Jun 2028

SKILLS SUMMARY

- Courses:** Data Structures and Algorithms, DBMS, OOP and System Design, Operating Systems, Computer Networks
- Languages:** Python, C, C++, JavaScript, SQL
- Frameworks:** Scikit, NumPy, Pandas, Matplotlib, Seaborn, Keras, Flask, React, Streamlit, Tensorflow, PyTorch, FastAPI
- Tools & Platforms:** Linux, Windows, GitHub, VSCode, Canva, Jupyter Notebook, Google Colab, Kaggle
- Soft Skills:** Leadership, Deadline Management, Communication, Strategic Decision Making, Technical Writing

EXPERIENCE

- Adobe Student Insider** Remote
Adobe's Partnership and Engagement Program Sep 2026 - Present
 - Description:** Among top 100 students selected from 19,000+ applicants across India.
- Databricks Student Fellow** Remote
Databricks's Campus Ambassador+Mentorship Program Aug 2026 - Present
 - Description:** Among top 38 students selected from 7,000+ applicants across Asia-Pacific and Japan.
- Undergraduate Researcher** Remote
Guide: Dr. Darko Marinov — University of Illinois, Urbana - Champaign (UIUC) Jun 2026 - Present
 - Program:** UIUC++ Summer Research in Software Engineering
 - Project:** Research focused on code generation by diffusion models and the resulting trustworthiness and accuracy.
- Research Intern** Mumbai, India
Guide: Dr. Asim Tewari — Indian Institute of Technology, Bombay Jun 2026 - Aug 2026
 - Lab:** National Centre for Aerospace Innovation and Research (NCAIR)
 - Project:** Interdisciplinary ML research focused on the aviation industry.
- Mentee - PayPal Career Academy for Tech** Remote
PayPal's Early-Career Mentorship Program Mar 2026 - Aug 2026
 - Description:** Among top 47 students selected from 13,000+ applicants across India. Attended sessions on Building your Personal Brand, Design Thinking and Tech for Good, Storytelling with Impact and Tech Bootcamp.

PROJECTS

- Aletheia**:
 - Developed a multimodal AI tool for bias and misinformation detection, combining sentence/article-level bias classification, token-level explanations with **92% interpretability**, Gemini-based neutral rewrites, and CNN/YOLO media manipulation detection with **84%** accuracy.
 - Tech Stack:** Python, FastAPI, HuggingFace Transformers, SHAP, CNNs, React, Firebase
- IIITL Exam Cell Management System**:
 - Built a secure exam cell platform with OTP/JWT authentication, automated digitally signed PDF certificate generation, React admin dashboards, student tracking, and real-time email/WhatsApp/Firebase notifications, reducing response time by **23%** and improving operational efficiency by **60%**.
 - Tech Stack:** Java, Spring Boot, Spring Security, MySQL, JWT, React, TypeScript

ACHIEVEMENTS

- Problem-Solving**: Solved **1000+** problems across LeetCode, CodeChef, and Codeforces focused on complexity analysis.
- LeetCode: Knight** with a max. rating of **1878** showcasing consistency (handle: **Ash_Waddepalli**).
- CodeChef: 3*** with a max. rating of **1648**, highlighting problem-solving proficiency (handle: **hard_ally_76**).
- Codeforces: Pupil** with a max. rating of **1263** embodying critical thinking (handle: **risingstar9**).
- AISSE Board Exams:** Scored **99.2%** and ranked among India's **Top-5** demonstrating academic excellence.
- Hacktoberfest '25:** Earned the **Supercontributor** badge (among first 10,000 to have 6 pull requests accepted).

POSITION OF RESPONSIBILITY

- Senior Member at Axios - ML Wing, IIITL** Lucknow, India
Mentored 250+ juniors by conducting ML sessions, organizing kaggle competitions. Aug 2026 - Present