

Ishita Agarwal

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EDUCATION

- Jaypee Institute of Information Technology Noida** 2025-2027
Pursuing M.Tech in Computer Science and Engineering (Current CPI: 9.94/10) Gate Qualified
- Indian Institute of Information Technology Vadodara** 2021-2025
B.Tech in Computer Science and Engineering (CPI: 9.62/10) ChairPerson's Gold Medalist
- DAV Public School Sahibabad** 2021
Senior Secondary School (Percentile:98.2% -12th & 99.4-10th) All India Country Rank 3rd- 10TH

EXPERIENCE

- Software Developer Intern- Teliolabs Communication Inc.** Remote
Skills- MySQL,OAP,Power BI, DBeaver,MobaXterm, NetExtender July 2025 - August 2025
 - Developed automated reports in Oracle OAP, including requirement gathering, report creation, and validation.
 - Built Power BI visualizations and utilization reports by analyzing schemas and writing optimized SQL queries.
- AI Engineer Intern- DBA Lounge pvt Ltd, Noida** On-site
Skills- HTML,CSS, Javascript, React.js, Node.js,PostgreSQL,n8n Jan 2025 - July 2025
 - Contributed to building AI SaaS services including an AI article writing, image generation, object removal, and background removal features using Gemini API , Clerk authentication and PostgreSQL (Neon) backend.
 - Developed AI agents using n8n integrating WhatsApp API, Google Sheets, Stripe payments, gemini API.

TECHNICAL SKILLS

Languages: C/C++, Python,R ,HTML, CSS, JavaScript, MySQL,MongoDB, Node.js

Tools and Libraries:React, Git, GitHub, Canva, Excel, Latex, PowerBI, Numpy, Panda, Bootstrap

Technologies: Machine Learning, Data Science, Artificial Intelligence, AWS Cloud , Development

Soft Skills: Time Management, Teamwork , Spoken and written communication, Problem Solving and Adaptability

Courses:Data Structures and Algorithms, Object Oriented Programming, Operating System, Algorithms,Database

Management System, System Software, Computer Networks, Computer Organization and Architecture, Software Engineering

PROJECTS

- AI Finance Platform** : (Next.js, Tailwind CSS, Gemini AI, Prisma, Shadcn UI, Inngest, Arcjet)
 - Designed a user-friendly dashboard with charts, tables, and AI-powered receipt scanning for seamless transaction tracking.
 - Integrated Gemini AI to generate financial insights, automate recurring transactions, and send budget alerts via Inngest.
 - Implemented authentication, rate limiting, and bot protection with Arcjet, ensuring a secure system.
- Fake News Detection** : (Python,Machine Learning , NLP, Pandas, NumPy, Seaborn)
 - Developed an ML-based Fake News Detection system using Streamlit to classify news articles as real or fake through an interactive web interface.
 - Implemented end-to-end NLP pipeline including text preprocessing, TF-IDF feature extraction, and classification using Logistic Regression, Decision Tree, Random Forest, Naïve Bayes, Extra Trees, and MLP models.
 - Achieved up to 99% classification accuracy, with Decision Tree and MLP models delivering the highest performance.
- AI Quiz Generator App** : (Python,OPENAI ,LLM, Pandas, NumPy, Streamlit)
 - Developed an AI-powered Quiz Generator using Python that accepts user-provided text input to generate quiz questions.
 - Built an interactive Streamlit-based quiz generator that accepts user input, allows selection of difficulty levels, dynamically generates quizzes in real time ,enables MCQ-based quiz attempts, and provides real-time score calculation.

POSITION OF RESPONSIBILITY

- Women in Tech Lead - GDSC IIITV** Aug'23 - May'24
Uplifted women community by spreading awareness about women uplifting mentorship programs,scholarships.
- Vice President - Technical Committee** Aug'23 - May'24
Conducted inter-institute fest and events along with engaging in organizing workshops,orientation programs.
- Facilitator - Google Cloud Study Jams** Aug '23-Sept '23
Driven 150+ registrations and over 40+ completions making to tier-3 in google cloud study jams program.

EXTRA CURRICULAR ACTIVITIES & CERTIFICATIONS

- Beta Microsoft Learn Student Ambassador , Issued July 2023
- Amazon ML Summer School Scholar and Machine Learning - IBM Certified , Issued May 2023
- Fundamentals of Deep Learning-NVIDIA , Issued March 2024
- Codechef Rating : 1536** -2 star and **Leetcode Rating: 1677** - Problem Solving
- Teaching Assistant at IIIT , Published articles on gfg platform - Content Writing
- 40+ Skill badges and certifications in Google Cloud Arcade