

# ADITI GULATI

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## EDUCATION

### INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE ENGINEERING

08/2021 - 05/2025 | Delhi, India

CGPA: 9.02

### BAL BHARATI PUBLIC SCHOOL, GRH MARG

CLASS 12 SENIOR SECONDARY(C.B.S.E.)

04/2019 - 07/2021 | Delhi, India

Percentage: 97.2%

### BAL BHARATI PUBLIC SCHOOL, GRH MARG

CLASS 10 SECONDARY(C.B.S.E.)

04/2007 - 03/2019 | Delhi, India

Percentage: 95.4%

## EXPERIENCE

### INFOSYS | SOFTWARE DEVELOPMENT INTERN

Feb 2022 - May 2022 | Bengaluru, Karnataka, India

- Worked for **Infosys Wingspan**, to manage users' access on the platform by regularly syncing with client data. Developed, designed, and programmed Wingspan to make it extensible and adaptable to future enhancements, providing a valuable and long-lasting solution for clients.

### OMDENA EDMONTON | DATA ANALYST

May 2022 - Jul 2022 | Remote

- Worked on a Project to **Predict Housing Affordability in Canada's metropolitan region**. Task was to locate cities that are more susceptible to the house price increase, develop a heat-zone map, and perform EDA to highlight regions with worsening housing affordability.

### GOLD MICROSOFT LEARN STUDENT AMBASSADOR

May 2022 - Present | India

- Worked closely with a team of fellow **ambassadors** as a Mentor, which gave me valuable experience in **collaborative teamwork**. I was able to connect with Microsoft employees, allowing me to expand my professional network and **gain insights into the industry**.
- Hosted events and workshops on topics such as Progressive Web Apps, Github Codespaces, Azure AI, and other cutting-edge technologies, allowing me to develop my **interpersonal skills**, problem-solving, technical knowledge, and the **ability to explain complex concepts**.

## RESEARCH EXPERIENCE

### INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

Faculty Advisor: Dr. D. K. Tayal | Feb 2022 - Aug 2022 | Delhi, India

- Worked on the Detection of life threatening diseases by examining the human genome in Microarray data using distributed implementation of algorithms funded by DST, and wrote the journal titled "Binary Class Coyote Optimisation Algorithm with Levy Flight Mechanism for Feature Selection." which is under review at Springer.
- Also worked on the Summer Internship Project in the Department of Computer Science Engineering, IGDTUW, and wrote the journal titled "Evaluating Inconsistency in Textual and Speech sentiments." which is under review at Springer.

**Research interests:** Human-Computer Interaction, Machine Learning, Data Analysis and Visualization, Data Mining, Statistical Analysis, Optimization Algorithms, Natural Language Generation, Natural Language Understanding, AI for Human Learning and Behaviour Change, AI for Healthcare, Predictive Modeling, Data Ethics.

## TECHNICAL SKILLS

- C++ • Python • **Data Analysis**
- **Software Engineering** • Azure
- Database Management Systems • SQL
- Object Oriented Programming • LaTeX
- Data Structures and Algorithms • Agile

Familiar:

- HTML • CSS • JAVASCRIPT
- Machine Learning • Data Science

## SOFT SKILLS

- Problem Solving • **Analytical thinking**
- **Interpersonal skills** • Research
- **Project Management** • Strategist
- Teamwork • Collaboration • **Avid learner**
- Organized and Detail oriented

## ACHIEVEMENTS

- **Uber She++ 2023:** Selected among top 75 girls across the nation from the 19 best engineering colleges in the country.
- **7x Microsoft Fundamentals Certified**
- Ideate 'N' Solve (Devcation'22): Jury Award by GDSC
- **Google HASHCODE 2022:** Global rank 1133, All India Rank 241.
- Contributed for Healthcare in **Social Impact League project** as a Beta MLSA

## PROJECTS

- **Dominant Colour Detection**  
Extracting Color using clustering technique from Image.
- **Voice Notes**  
Web App to create and edit new notes by voice command or by typing.
- **The Weather App**  
Shows the latest weather report for a specified country using Open Weather API and provides basic information like humidity, pressure, wind speed, temperature, etc.
- **Student Management System**  
Allows the efficient storage, retrieval, and manipulation of student data through a user-friendly interface.
- **Other Projects:** [aditi-gulati.github.io](https://aditi-gulati.github.io)

## LANGUAGES

### ENGLISH

Professional working proficiency

### GERMAN

Professional working proficiency

### HINDI

Native or Bilingual Proficiency