

# Vartika Gautam

[Gmail](#) • +91-8130552190 • [LinkedIn](#) • [GitHub](#)

## Education

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### G.L. Bajaj Institute of Technology and Management

BTech in Computer Science and Engineering (Data Science)  
CGPA: **8.92**

Greater Noida  
2022-2026

### Prudence School

CBSE (XII), **95%**

Delhi  
2022

### Prudence School

CBSE (X), **91.8%**

Delhi  
2020

## Experience

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### SDET Intern

*Jungle Games India Pvt. Ltd.*

Gurugram  
July'25 - Sept'25

- Underwent training in automation testing using *Java*, *Selenium*, *Appium*, and *TestNG*
- Learnt mobile automation for Android/iOS, including dynamic element handling
- Explored the use of AI tools for debugging, testing, and faster prototyping

## Projects

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### MAA - My Alerting Ally

- **Description:** Designed a web-based MedTech solution to automate patient medication alert
- Developed secure authentication and implemented a hospital-based authorization system
- **Role:** Backend
- **Technologies Used:** TypeScript, Next.js, Node.js, Express.js, Prisma, PostgreSQL, TurboRepo

### TanaavTrack

- **Description:** Designed a webpage to predict employer stress percentages using ML models and integration. Incorporated stress recommendations and media-based solutions.
- **Role:** Backend
- **Technologies Used:** Python, ML, HTML, CSS, Flask, pycharm

### SarcMeme

- **Description:** Developed an AI-powered application to generate sarcastic sentences based on user-provided words. Incorporated APIs to fetch advanced synonyms and user engagement with meme generation.
- **Technologies Used:** Python, Streamlit, DeepSeek-R1 (via Fireworks and Hugging Face), Datamuse API

## Skills

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**Programming Languages:** Python, Java, SQL, HTML, CSS

**Frameworks and Tools:** Flask, Excel, Scikit-Learn, VSCode, Git, LLM, Hugging Face

**Data Visualization:** Tableau, Matplotlib, Streamlit

**Core Concepts:** Machine Learning, Databases (DBMS), Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Operating Systems (OS), Big Data, Computer Networks, A/B Testing

**Automation & Testing Tools:** Selenium WebDriver, Appium, Postman