

# Ayushi Gupta

+917983331906 | [aayushi.gupta0405@gmail.com](mailto:aayushi.gupta0405@gmail.com) [Linkedin](#) [Github](#) [Leetcode](#)

## EDUCATION

**Guru Gobind Singh Indraprastha University**  
*Bachelor of Technology [CS with specialization in AI-ML]*  
CGPA:8.30

Delhi,India  
2021 - Current

## EXPERIENCE

### FullStack Developer Intern

03/2024 - 05/2024

*Quantumcona LLP*

*Hyderabad,India*

- Accomplished a 13 per cent improvement in investment strategies, as analyzed by backtesting on over 100 trading strategies, by analyzing historical market data.
- Achieved a significant increase in portfolio optimization, as measured by predictive model performance, by leveraging advanced machine learning algorithms.
- Delivered 3 innovative strategies by researching and presenting emerging quantitative finance trends.

### Machine Learning Intern

09/2022 - 02/2023

*ProdigalAI*

*Delhi,India*

- Designed and developed ML models for classification and regression tasks, improving product features by **5 per cent**
- Enhanced predictive accuracy by 7 per cent through robust feature engineering techniques and strategic utilization of raw data insights.
- Accelerated model training time by 12 per cent using hyperparameter tuning with **grid and random search**.
- Deployed real-time machine learning models using **Flask and Docker**, seamlessly enhancing platform responsiveness.

## PROJECTS

### Comify | *Python, Stable Diffusion, Flask, Javascript, Docker* |

- Improved engagement for 200+ learners, as seen by platform usage, by transforming **50+ complex topics** into comics.
- Optimized system scalability by integrating a **Flask RESTful API** with **Celery**, reducing processing latency by 22 per cent as compared to prior implementation and enhancing user experience.
- Designed and implemented an Nginx-based serversetup to improve the reliability and performance of content delivery
- Reduced manual intervention, as measured by task automation, by automating email verification and data extraction with **Selenium WebDriver** and **PyDispo**.

### MakeIt-PPT Maker | *Django,Celery,DALLE,Bootstrap,JavaScript* |

- Reduced slide creation time by 67 per cent as analyzed by user feedback, by developing an AI-powered PPT generation tool.
- Delivered a scalable solution by leading the full-stack development process using **Flask and MongoDB**.
- Implemented **CI/CD pipeline**, minimizing downtime during updates and deployments.
- Achieved a 93 per cent user satisfaction rate by integrating **GPT-3.5** for generating high-quality slide content.

## TECHNICAL SKILLS

**Languages:** Python,Java, C++, HTML,CSS,Javascript.

**Frameworks:** React, Node.js,Next.js, Bootstrap, Figma,Django,Git.

**Backend:**Flask, Redis/Celery,MySQL,PostgreSQL,Linux, MachineLearning, NLP, Deep Learning.

**Software Development:** Data Structure and Algorithm,DBMS,OOPS,Operating System,AWS (EC2, S3, Lambda).

## ACHIEVEMENTS

**Intel GenAI Hackathon Winner:**Secured 1st place in Intel's GenAI Hackathon, competing against top developers.

**hackEDCode 2.0 Winner:**Outperformed 200+ participants, achieving first place .

**ACM(Chair):** Directed the planning and execution of 10+ high-impact events, increasing ACM's outreach to 500+ computing enthusiasts.

**ACM-W(Vice Chair):** Empowered 200+ women in tech by organizing mentorship sessions and awareness programs