AYUSHI GUPTA

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Education

KIET Group of Institutions   **Ghaziabad, UP**
Bachelor of Technology in Computer Science and engineering(AIML) with aggregate of 9.5   *Aug 2022 – July 2026*

Meerut Public Girls School   **Meerut, UP**
Senior Secondary Education with percentage 98.8   *April. 2021 – May 2022*

Meerut Public Girls School   **Meerut, UP**
Higher Secondary Education with percentage 96.8   *April. 2019 – May 2020*

Experience

Advanced Software Engineering Virtual Experience Program   **Feb 2024**
Walmart USA   *Forage, Remote*
- Developed a novel version of a heap data structure in Java for Walmart's shipping department, showcasing strong algorithmic skills.
- Designed a UML class diagram for a data processor, considering different operating modes and database connections.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.

Front-End Software Engineering   **Jan 2024**
Skyscanner   *Forage,Virtual Job Sim*
- Completed a job simulation where I built a web application using React as a front-end engineer.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.

Artificial Intelligence and Machine Learning   **Aug 2023**
YantraByte   *Remote*
- Implemented a house price predictor in ML using regression technique.

Projects

AI Doctor | *Python, Flask, SVC ML algorithm*   **Nov 2023 – Jan 2024**
- Engineered SVC ml algorithm to analyze patient data, predict optimal medication options, and provide personalized treatment plans, ensuring enhanced efficiency and patient satisfaction.
- Led the conceptualization and development of the AI Doctor project in collaboration with team members.

AIBrainChild | *React, MongoDb, Express, Node.js*   **December 2023**
- Developed a ChatGPT clone having a responsive and user-friendly frontend interface using React.js, ensuring seamless interaction across devices and browsers.
- Leveraged Express.js to create a robust backend API for handling user requests, managing sessions, and facilitating communication between the frontend and backend components.

StudyNotion | *React,Node.js*   **May 2023**
- Developed a roadmap website for students towards their career in hackathon.
- Demonstrated the project's functionality and potential impact through a live demo or presentation, highlighting key features, user benefits, and future development opportunities.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code,Git, Google Cloud Platform, Google Colab, PyCharm
Technologies/Frameworks: Express, React, Node.js, WordPress, Material-UI, FastAPI, mongoDB
Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, Tensorflow

Extracurricular

- Co-ordinator at Epoque'24.
- Member of STC in KIET group of Institutions.

Achievements

Codechef: Successfully tackled over 500 coding challenges, showcasing exceptional problem-solving skills and resilience.
GFG: Achieved a distinguished rank of 456 on GeeksforGeeks, showcasing mastery in various data structures and algorithms.
Merit Certificate: Attained the prestigious first position in academics during the first year, showcasing unwavering dedication and a commitment to scholarly excellence.