

ABHINAV KUMAR SINGH

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Education

Bharati Vidyapeeth's College of Engineering, New Delhi (Under GGSIPU) <ul style="list-style-type: none">Branch: Information Technology CGPA: 8.15	2022 - 2026 (expected)
Universal Public School, India <ul style="list-style-type: none">AISSE (Class XII), Aggregate:90%	2021 - 2022
Universal Public School, India <ul style="list-style-type: none">AISSE (Class X), Aggregate:86.5%	2019- 2020

Skills

Programming Languages: C, C++, Python, Java, Dart
Machine Learning: Scikit-learn, TensorFlow, Numpy, Pandas, Matplotlib, Seaborn, Flask, Jupyter Notebook
Database Management: Google Firebase, PostgreSQL, MySQL, MongoDB
Version Control: Git, Github
Developer Tools: GitHub Codespaces, Copilot
Cloud Platforms: Microsoft Azure (Azure Static Web Apps)

Projects

1. MyBuddy - LLMWare Python, HTML, CSS, Javascript, Flask <i>Advanced study companion application designed to streamline your study experience.</i> <ul style="list-style-type: none">Summarize Notes: Quickly summarize long texts to save time and improve study efficiency.Analyze Sentiment: Evaluate the sentiment of essays or articles to understand the emotional context.Chat with StudyBot: Engage in interactive Q&A sessions with an AI-powered chatbot for study-related queries.	July 2024 Github
2. Book Recommendation System Jupyter Notebook, Flask <i>Recommendation systems aim to predict users' interests and recommend product items likely to be interesting.</i> <ul style="list-style-type: none">Collaborative Filtering Systems: These types of recommender systems are based on the user's direct behavior.Use features of items and profiles of the user's preferences to recommend items similar to those the user has liked in past.	February 2024 Github
3. WIEHack 5.0 HTML, CSS, JavaScript <i>Developed to showcase all the details of WIEHack, attracting participants from 31 countries.</i> <ul style="list-style-type: none">Designed a user-friendly UI with information about the hackathon, including schedules, rules, and prizes.Implemented interactive features allowing participants to check event details and updates.	March 2024 Website

Experience

Microsoft Learn Student Ambassador Beta Milestone <ul style="list-style-type: none">Represent Microsoft within the student community.Conducted educational sessions on Microsoft technologies, including cloud computing and AI, curated technical content, and facilitated community building with student organizations.Acquired expertise in essential data analysis concepts.	September 2023 - Present
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Achievements

- 2nd Runner-up in Speed Designathon Organised by Designhub.IITD at **IIT Delhi**.
- Finalist in the Brainskulpt Design Challenge organized by **IIT Delhi**.
- Finalist in Vihaan 6.0 Hackathon organized by IEEE DTU at **DTU**.

Positions of Responsibility

Computer Society - Chairperson IEEE BVCOE <ul style="list-style-type: none">Led WIEHack 5.0, a highly successful hackathon attracting over 1800 students from India and 31+ countries.Serve as the design head for numerous events, overseeing and executing design tasks and building a website.	August'23 - Present
Head Of Production TEDx BVCOE <ul style="list-style-type: none">I oversee the planning and execution of all production activities for TEDx events on our campus.	July'24 - Present