

KANISHK TYAGI

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EDUCATION

B. Tech. in Computer Science and Engineering (Artificial Intelligence & Machine Learning) | Galgotias University, Greater Noida

Oct 2022 – Present(till June 2026)

- Relevant Courses - Semiconductor Physics, Multi-Variable Calculus, Linear Algebra and Differential Equations, Probability and Statistics, Database Management System, Object-oriented programming, Operating Systems, Computer Networks, Programming in Python, Soft Computing and Applications.
- CGPA: 8.35/10.00 (upto fourth semester)

PROJECTS

Vedyant [[Github link](#)] (Web Development, Figma, MongoDB, Machine Learning,)

- Vedyant is a holistic health platform offering a comprehensive range of features for users seeking traditional Ayurvedic solutions combined with modern technology.
- AI based personalized dosha test to determine individual Ayurvedic constitution.
- Yoga and meditation resources based on Patanjali's Yoga Sutras for mental and spiritual well-being.
- Chatbot support for instant assistance with Ayurvedic queries and guidance.
- AI-powered image recognition system enabling users to identify Ayurvedic plants and learn about their medicinal benefits.

Automated System for Career Advancements of Faculties of Higher Education [[Github link](#)] (Web Development, Django, MySQL)

- Simplifies the process of documenting and evaluating faculty activities..
- Enables faculty to update their records in real-time, ensuring accuracy and efficiency.
- Offers administrators tools to view, sort, and analyze faculty appraisal data.

TECHNICAL SKILLS

- Programming Languages:** [C,C++, Java, Python, JavaScript](Most experience),
- Web Development:** HTML, CSS, Javascript (Node.js and Express.js)
- Python Libraries:** Numpy, Pandas, Matplotlib, Scikit-learn
- Databases:** MySQL, MongoDB
- Machine Learning:** Data Analysis, Preprocessing Techniques, Supervised and Unsupervised Learning
- Soft Skills:** Problem Solving, Critical Thinking, Effective Communication

POSITIONS OF RESPONSIBILITY

- Team Leader, University Host to Delegates from NTU Singapore-** Led a team of six students in hosting delegates from NTU Singapore at our university campus, where we showcased our collective talent through the development of an online art gallery.
- Team Leader, Launchpad Ideathon-** Led a team of 5 members in conceptualizing and presenting an entrepreneurial idea to judges during the Launchpad Ideathon.
- Frontend and UI Lead, Dextrix 4.0-** Led a team in the development and implementation of Vedyant, a holistic health platform that achieved recognition as one of the top four projects out of 150 teams.