Utkarsha Vishwakarma

Electronics and Communication Engineering | IGDTUW, Delhi

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EDUCATION

- **B.Tech in Electronics and Communication Engineering**   CGPA: 8.955 | 2nd Year
(Upgraded from Mechanical Engineering after 1st year)   2023-2027
Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi
- **Trinity Convent Sr. Sec. School**
CBSE 12th - 91.2% | CBSE 10th - 93.4%

SKILLS

Technical Skills :-
Programming languages : C++, Python,
Web Dev : JavaScript, HTML/CSS, Flask, Django, Git, SQL, MERN Stack
Data Structures and Algorithm
Software Tools: VS Code, Github, MySQL
Soft Skills: Problem-Solving, Collaboration, Time Management, Leadership

PROJECTS

Updated Portfolio : Full Stack Development - [Githubrepo](#) | [ProjectLink](#)   2024
- Upgraded and Enhanced version of my previous portfolio using **HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, Github** and **Vercel** for deployement

Wiggles : Full Stack Development - [Live](#)   2024
- Developed a full-stack web application, Wiggles, that allows users to interact, upload content, and explore a curated feed.
- Built with **React.js** for the frontend and **Node.js** for the backend, utilizing **MongoDB** for data storage. Deployed the app on **Vercel** for continuous integration and fast hosting.

Personal Portfolio Website : Full Stack Development - [Github repo](#) | [ProjectLink](#)   2024
- Developed a responsive portfolio website using **HTML, CSS, and JavaScript** for frontend and **Node.js, Express.js, MongoDB, Mongoose** for backend to showcase projects and skills.
- Integrated GitHub and LinkedIn API to dynamically display statistics and professional updates.

Pet Adoption - [Github repo](#) | [ProjectLink](#)   2023
- Built a virtual pet adoption website

AI Assistant "Jarvis"   2021
- Built a voice-controlled AI assistant using Python, incorporating features like email sending, alarm setting, and voice command recognition
- Utilized libraries like `**pyttsx3**` for text-to-speech and `**speech_recognition**` for voice interactions.

Game "Hitman"   2021
- Designed and developed a Python-based arcade game using the **Pygame** library, featuring multiple levels and interactive mechanics, Implemented object-oriented principles to improve scalability and code reusability.

ACHIEVEMENTS

- Got **upgraded** to Electronics and Communication Engineering from Mechanical and Automation after the first year based on outstanding academic performance. (1st sem - 9.27, 2nd sem - 8.64)
- Solved 100+ DSA questions combined on [LeetCode](#) + [Codeforces](#) + [geeksforgeeks](#)
- **SheFi Scholar'24** : Selected for a mentorship program empowering women in tech through skill development, coaching, and career growth.
- Full Stack Web Development Training [Certificate](#)
- Got selected in Algo University Scholarship test DSA based Round 1

EXTRACURRICULAR ACTIVITIES

- DSA Mentee, GDG IGDTUW: Mentored in Data Structures and Algorithms through guided sessions and coding challenges.
- Event Coordinator, Taarangana (IGDTUW): Managed and organized events for the annual cultural fest.
- Synergy (Athletics society of IGDTUW)
- Vice President, Welfare Society, Trinity Convent