

# Utkarsha Vishwakarma

Electronics and Communication Engineering | IGDTUW, Delhi

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## SKILLS

**Technical Skills:** C++/Java, Python, JavaScript, HTML/CSS, Flask, Django, Git, SQL, Data Structures, Algorithms, ReactJS, NodeJS, ExpressJS, MongoDB

**Software Tools:** VS Code, Github, MySQL

**Soft Skills:** Problem-Solving, Collaboration, Time Management, Leadership

**Languages :** English, Hindi

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## PROJECTS

- **Updated Portfolio : Full Stack Development**

[Githubrepo](#) | [ProjectLink](#)

Upgraded and Enhanced version of my previous portfolio using **HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, Github** and **Vercel** for deployment

- **Wiggles : Full Stack Development**

[Live Version](#)

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](#)

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 : Frontend**

[Github repo](#) | [ProjectLink](#)

Built a virtual pet adoption website using only frontend

- **AI Assistant "Jarvis" (Python)**

Built a voice-controlled AI assistant using Python, incorporating features like email sending, alarm setting, and voice command recognition, Utilized libraries like ``pytsx3`` for text-to-speech and ``speech_recognition`` for voice interactions.

- **Game "Hitman" (Python)**

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.

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## EDUCATION

- **B.Tech in Electronics and Communication Engineering -**

CGPA: 8.955 | 2nd Year

(Upgraded from Mechanical Engineering after 1st year)

2024-2027

Indira Gandhi Delhi Technical University for Women (IGDTUW), Delhi

- **Trinity Convent Sr. Sec. School**

CBSE 10th - 93.4% | CBSE 12th - 91.2%

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## ACHIEVEMENTS AND RECOGNITION

- 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](#)
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## EXTRACURRICULAR ACTIVITIES

- DSA Mentee, GDG IGDTUW
  - Collaborated with peers to learn and implement data structures and algorithms
  - Participated in weekly coding discussions and group study sessions to enhance problem-solving techniques
  - Synergy (Athletics society of IGDTUW)
  - Vice President, Welfare Society, Trinity Convent
  - Organized community beautification projects such as painting local train stations and parks.
  - Actively contributed to community service and welfare activities as part of student leadership roles.
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