

UTSAV JOSHI

+91 9818130873
2K21/SE/187

utsavj2@gmail.com
[Github](#) | [Linkedin](#) | [Portfolio](#)

EDUCATION

B.TECH(Software Engineering)	2021-2025	Delhi Technological University, New Delhi	CGPA: 8.11
CBSE (Class XII)	2020	Green Valley International Public School	85.4 %
CBSE (Class X)	2018	St. Gregorios School	93 %

WORK EXPERIENCE

Zoid Technologies, New Delhi

Aug 2023-Dec 2023

- Worked as a **Trainee under founder and Head of AI team**.
- Developed a sophisticated IoT project leveraging **YOLO algorithm**, Arduino, and on-board computers for the **Indian Navy**, with object **detection accuracy of 94%**.
- Tools/Frameworks: YOLO | Numpy | cv2 | tqdm | Pytorch.

ACADEMIC PROJECT

Hunger Hive – Restaurant management system | [Link](#)

- Hunger Hive is an **industry-standard Restaurant Management Website**.
- Designed and implemented a comprehensive app to enable users to order food, submit feedback, view the gallery/menu, and book tables with **Google Maps** and chatbot support.
- Technology Used: HTML | CSS | Javascript | PHP | XAMPP | Bootstrap.

ACADEMIC PROJECT

Parkinsight – AI Algorithm for early detection of Parkinson's Disease | [Link](#)

- Built an AI classifier which can give **early Parkinson's disease Diagnosis** by analyzing various scans like MRI, Pet Scans with an **accuracy of 95%**.
- Crafted an algorithm by synthesizing insights from diverse research papers, **refining models and architectures to optimize performance** and **processed data** from [PPMI](#) website.
- Models Evaluated: Active Contour Models | Convolutional Neural Networks | U-Net | Chan Vese Contour Model | Level Sets | SVM.
- Tools/Frameworks: Python | Numpy | Pytorch | Tensorflow | CNN | CUDA Toolkit | cv2.

ACADEMIC PROJECT

MetroNav++ – C++ application designed to find the minimum distance between metro stations | [Link](#)

- Developed a **customizable C++** app based on **Dijkstra's algorithm**.
- Designed for **optimizing routes** based on criteria like shortest time, distance, or cost.
- Handles **multiple metro stations** and routes, ensuring scalability and **efficiency**.
- Tool/Frameworks: C++ | Visual Studio Code.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Qualified the internal level in **Smart India Hackathon (SIH) 2023**.
- Participated in the **National Level Science Exhibition** conducted by CBSE.

TECHNICAL SKILLS

- Relevant Coursework:** Data Structures(C++/C), Algorithm Design and Analysis, object-Oriented Programming, Operating Systems, Database Management Systems, Machine Learning, Compiler Design, Artificial Intelligence.
- Languages & Frameworks:** C/ C++, Python, Javascript, PHP, SQL, Node.js, Git/GitHub.

POSITIONS OF RESPONSIBILITY

- As a **Supply Manager** in a food delivering startup, **Friday Food Point**. Delivering affordable, high quality food to hostel students, successfully **delivering 100+ orders** on the first day.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Mentored students** in Delhi government schools (classes 10-12) under the Desh Ke Mentor Scheme, **providing career guidance and support**.