

# Vishal Kumar

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## EDUCATION

<b>Netaji Subhas University of Technology</b> <i>B. Tech.(Computer Science and Artificial Intelligence )</i>	08/2023 - 05/2027 6.7
<b>Aakash Public School</b> <i>Senior Secondary (Class 12<sup>th</sup>)</i>	CBSE, 2022 89.9%
<b>VVDAV Public School</b> <i>Secondary (Class 10<sup>th</sup>)</i>	CBSE, 2020 89.9%

## EXPERIENCE

<b>Web Developer</b> <i>Pathway Global Alliance</i>	January 2025 - March 2025 <i>Dwarka, Delhi</i>
<ul style="list-style-type: none"><li>Designed and developed a fully responsive website for Pathway Global Alliance in partnership with NPC, India.</li><li>Improved user accessibility and mobile compatibility, enhancing the organization's online presence.</li><li>GitHub Link: <a href="https://github.com/NSSNSUTCELL2024/pathwayglobalalliance">https://github.com/NSSNSUTCELL2024/pathwayglobalalliance</a></li></ul>	

## PROJECTS

<b>Alzheimer's Disease Prediction ML Model</b>   <i>Python, Neural Network, Kaggle</i>	April 2025
<ul style="list-style-type: none"><li>Developed a deep learning model for early Alzheimer's Disease prediction, achieving 80.6% accuracy using Python (TensorFlow, Keras, scikit-learn) for data preprocessing, model training, and evaluation.</li><li>Project Link: <a href="#">Link</a>, Document Link: <a href="#">Link</a></li></ul>	
<b>Automatic Drone Navigation</b>   <i>Python, AI, Google Colab</i>	April 2025
<ul style="list-style-type: none"><li>Designed and implemented a modular Python-based drone path planning system with cost sensitivity analysis, optimizing path selection using weighted functions based on Euclidean distance and obstacle proximity.</li><li>Project Link: <a href="#">Link</a>, Document Link: <a href="#">Link</a></li></ul>	
<b>NSS NSUT CELL Website</b>   <i>HTML, CSS, JS, Figma</i>	September 2024 - December 2024
<ul style="list-style-type: none"><li>Developed the official website for NSS NSUT CELL, enhancing visibility of events, notices, and volunteer contributions, improving engagement and accessibility.</li><li>Website Link: <a href="https://nssnsut.vercel.app">https://nssnsut.vercel.app</a></li></ul>	
<b>Attendance Management System for NSS</b>   <i>SQL, XAMPP, Apache</i>	October 2024
<ul style="list-style-type: none"><li>Worked as a team of 4 on the backend required to make a portal to manage the attendance of volunteers in an event and calculate their respective working hours.</li></ul>	

## TECHNICAL SKILLS

**Languages:** C/C++, Python, MySQL, JavaScript, HTML, CSS, JS  
**Frameworks:** React, Node.js, Bootstrap, WordPress  
**Developer Tools:** Git, Google Cloud Platform, Visual Studio Code  
**Designing Tools:** Figma, Canva

## SOCIETIES

<b>Canvas – Fine Arts Society, NSUT</b>
<ul style="list-style-type: none"><li>President of the Society and Head of Fine Arts for college annual festivals <b>Moksha</b> and <b>Resonanz</b>.</li><li>Represented the society in various art events and organized various creative events during college fests.</li></ul>
<b>National Service Scheme (NSS NSUT CELL)</b>
<ul style="list-style-type: none"><li>Tech. Head of the Society, organized various mega events related to sports, plantation, voting awareness, and cleanliness.</li><li>Attended adventure camp in Dalhousie and special camp in Nanakheri Village.</li></ul>