

OJAS

+91 8810322614 · ojas.ug21@nsut.ac.in · LinkedIn · Github

Education

Netaji Subhas University of Technology

B.Tech. in Computer Science with Artificial Intelligence

May 2021 - May 2025

New Delhi, India

Kendriya Vidyalaya Shalimar Bagh, Delhi

CBSE Class XII

2021

CBSE Class X

2019

Skills

- Programming languages: Python, C++, JavaScript
- Development: HTML, CSS, ReactJs, Nextjs, ExpressJs, React Native
- Machine learning: Numpy, Pandas, Matplotlib, Scikit Learn, Pytorch
- Version control: Git, GitHub
- Database: MongoDB, MySQL

Projects

Verify Bharat | Blockchain, Express, ReactJS

- Harness **Ethereum's Blockchain** Power to safeguard and verify your **certificates and documents**.
- Grant organizations **controlled access** to your documents, with the ability to revoke permissions.
- Documents find sanctuary on **IPFS**, guaranteeing robust data protection and accessibility.

AdoptConnect | ReactJs, MongoDB, Express, Flutter, Figma,

- Developed a **multilingual** web and mobile app with a **custom backend** to facilitate orphaned child adoption for the non-profit organization "Bal Asha Trust," expected to increase adoption rates by an impressive 23%.
- Implemented an **interactive chatbot** and a flexible adoption workflow, resulting in a 10% enhancement in user engagement and control.

Snake RL | Python, Reinforcement learning, PyTorch

- Developed the classic Snake game utilizing **Deep Q-Learning** in PyTorch.
- The agent **autonomously** hones its gaming skills by interacting with the environment.
- It initially explores the environment with random moves before leveraging past experiences to make **informed decisions**.

Price Drop Alert | Python, smtplib, BeautifulSoup4

- This application harnesses the capabilities of **Web Scraping**.
- It continuously **monitors** the price of a specified product by periodically visiting the provided link.
- Upon reaching a predefined price threshold, it instantly alerts the user via email using **SMTP**.

Achievements and Experiences

- Secured rank **1st** in **Morgan Stanley Code to Give Hackathon 2023**.
- Among **top 30** teams selected for **nationals Smart India Hackathon'23**.
- Selected for **Amazon ML Summer School 2023** program.
- Acquired **First** position in **Innotate-x Hackathon 2023**.
- Invited and Acted as **Judge** at a national level robotics competition (W.R.O. nationals 2022).

Position of Responsibility

1. **Core Team** | TedX NSUT, The Ted chapter of NSUT

- Headed **25-member team** for securing **sponsorship**, **managing content** and **event coverage**.

2. **Secretary** | Junoon NSUT, The Photography Society of NSUT

- Led a **10-member team** in overseeing **college operations**, managing **administrative relationships**, and engaging with students across multiple institutions.