

UTSAV PODDAR

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Education

DAV Public School	CBSE - 10th
Grade: 87.6 %	2018
DAV Public School	CBSE - 12th
Grade: 80.9 %	2020
Siksha 'O' Anusandhan University	Bachelor of Technology in Computer Science Engineering
CGPA: 9.3 / 10	2025

Experience

- **Pinak Enterprises** June 2023 – August 2023
Software Developer Jharsuguda, Odisha
 - Built a website for the company using **React** for frontend, which helped them gain over 80% of new customers. Configured routers and 9 cameras to improve security and efficiency of the main branch, leading to a 30% increase in employee productivity.

Projects

- **Satellite Tracker**
 - Developed a cutting-edge application that leverages data from **Celestrak** to showcase satellite position.
 - Helps to predict the **trajectories** of satellites like Hubble and ISS with an accuracy of up to 2km. Used **React, Leaflet, Redux, and SatelliteJS** libraries.
- **Solaris (Research Paper In-Progress)**
 - Using Machine Learning and Deep Learning to predict GHI values (net solar power output) utilizing the past 5 years of historical weather data of a given city in India.
 - Helps the public decide whether solar panels are economically viable in the long run based on a minimum 10-20% Return On Investment.
 - Used **NumPy, pandas, matplotlib, Sklearn, Keras, and Tensorflow**.
- **ChatN Gone**
 - Developed a dynamic chat application with features like authentication, anonymous chat, and **real-time** messaging using **NextJS** and **Socket.IO**.
 - Integrated a custom backend using **Express** and **NodeJS**.
 - Leveraged **SQL** for database and Utilized modern UI libraries, like Tailwind CSS and Shadcn.

Skills

- | | | |
|----------|----------|-------------------|
| ● C | ● SQL | ● Assembly (8086) |
| ● Python | ● React | ● JavaScript |
| ● Java | ● NodeJS | ● SocketIO |

Activities

- Actively Participated in Hackodex Hackathon by CODEX 2022
- Reached 4th Rank in the Healthcare category of Smart Odisha Hackathon 2022
- Member of Codex Club 2021-24
- Open Source Contributor (Hacktober Fest) 2022-23
- Training for AWS Certified Cloud Practitioner certification 2024