

UTSAV PODDAR

Phone: +91 63700 71805 | Email: utsavpoddar002@gmail.com | [Linkedin](#) | [Github](#)

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 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**.
- **Stardust**
 - Examined the problem of Non-Communicable Diseases causing more than 60% of all deaths and developed a web application to solve the problem of patients having difficulty booking appointments and managing medicine intake.
 - Created a government-side data visualization feature using interactive heatmaps, and graphs.

Skills

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

Activities

- Actively Participated in Hackodex Hackathon by CODEX 2022
- Reached 4th Rank in the Healthcare category of Smart Odisha Hackathon Fall, 2022
- Member of Codex Club 2021-2024
- Open Source Contributor (Hacktober Fest) 2023-2024
- Delegate in SOA Model United Nation 2022