UTSAV PODDAR

Phone: +91 63700 71805 | **Email:** utsavpoddar002@gmail.com | **Linkedin** | **Github**
Website: utsavpoddar.tech

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

  o   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*
  o   Developed a cutting-edge application that leverages data from **Celestrak** to showcase satellite
      position.
  o   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)*
  o   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.
  o   Helps the public decide whether solar panels are economically viable in the long run based on
      a minimum 10-20% Return On Investment.
  o   Used **NumPy, pandas, matplotlib, Sklearn, Keras, and Tensorflow.**

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

Skills

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