

JANANI RAVI

Pursuing Bachelors of Technology at Presidency University
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HACKATHONS AND PROJECT EXPERIENCES

Project Title: Blockchain Powered Public Fund Transparency Software

Event: InovateX 3.0

Role: Frontend Developer

Tech Stack: HTML, Tailwind CSS, JavaScript, Express.js, Solidity, Ethereum (Sepolia Testnet)

- Built a decentralized web application that ensures transparency and traceability of public fund transfers using blockchain technology. The system allows real-time tracking of donations and fund allocations with smart contract integration on the Ethereum Sepolia testnet.

Project Title: Ocean Data Monitoring Software

Event: Investigatory project using RaspberryPi

Role: Frontend Developer

Tech Stack: HTML, Tailwind CSS, JavaScript, Chart.js

- Selected among the top 70 teams out of 1000+ participants.
- Developed a real-time ocean data monitoring platform during a college hackathon. Integrated sensor data (temperature, depth, salinity) using Raspberry Pi Pico and ESP32, and visualized it on a dynamic web interface using HTML, CSS, and JavaScript. Enabled efficient data analysis through interactive CTD profiles and TS diagrams.

Education

Presidency University

Bangalore, India

B.Tech in Computer Science and Engineering | CGPA: **8.46** / 10.0

09/2023 - 07/2027

Presidency School Bangalore East

Bangalore, India

Higher Secondary School

04/2021 - 05/2023

- Passed with distinction

Presidency School Bangalore East

Bangalore, India

High School

04/2019 - 04/2021

- Passed with distinction

Skills

C/C++ • Java • Python • Data Structures • Database Management • MySQL • MongoDB • Web Development • HTML/CSS/JS • ReactJS • ExpressJS

CERTIFICATION

Machine Learning Fundamentals — Internshala Trainings ([click here to view certificate](#))

Ethical Hacking Fundamentals — Internshala Trainings([click here to view certificate](#))

Languages

English Full professional proficiency

Hindi Professional working proficiency

Tamil Native proficiency