



ARAV KUMAR PRASAD

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SUMMARY

I am a motivated Full Stack Developer with a strong foundation in computer science. As a winner of the Smart India Hackathon 2023 and IdeaThon 2.0, I excel in problem-solving and adapting to new situations. Passionate about using technology to enhance efficiency and safety, I continuously improve through hackathons and project development. I take pride in managing and leading projects with precision and dedication.

TECHNICAL SKILLS

- NodeJs, ExpressJs ,React
- C , C++
- Git , GitHub
- Data Structures and Algorithm
- DBMS - MySQL , PostgreSQL
- HTML, CSS, JavaScript

EDUCATION

- **Computer Science | Chandigarh University** CGPA - 7.79 | July 2021 - June 2025
- **XII (CBSE) | Kendriya Vidyalaya Chandigarh** 87.2 % | Apr 2020 - Mar 2021
- **X (CBSE) | Kendriya Vidyalaya Chandigarh** 83.0 % | Apr 2018 - Mar 2019

PROJECTS

Government Schemes Advisory System

Feb 2024

- Designed a platform that analyzes user inputs through a quiz to assess financial and personal backgrounds, dynamically matching users with relevant government schemes based on their eligibility.
- Integrated APIs to fetch up-to-date scheme details, ensuring real-time access to accurate information for personalized recommendations.
- **Tech Used:-** React | CSS | JS | NodeJs | ExpressJs | Database - PostgreSQL

Healthcare Management System with Real-Time Appointment Tracking

Nov 2023

- Developed a patient management system that streamlines registration, appointment booking, and real-time management, offering a seamless experience for both patients and administrators.
- Integrated administrative controls for appointment confirmation, cancellation, and scheduling, with automated SMS notifications and secure file uploads, ensuring efficient operations and responsiveness across all devices.
- **Tech Used:-** ReactJs | NodeJs | ExpressJs | Database - PostgreSQL

Real-Time Device Tracking System

Sept 2022

- Designed and implemented a real-time device tracking system using WebSockets for continuous communication and data updates, enabling instant location monitoring.
- Leveraged geospatial mapping and visualization techniques to provide real-time device locations, ensuring seamless and efficient updates across platforms.
- **Tech Used:-** React | NodeJs | Socket.io | Leaflet

WORK EXPERIENCE

Blockchain Intern | Metacrafters Inc

May 2023 - Sept 2023

- As an intern, contributed to the development of a decentralized storage solution, enabling secure file uploads and retrieval on the IPFS network. Assisted in the design, implementation, and testing of smart contracts and dApps, ensuring the system's efficient functionality and seamless decentralized storage operations.
- **Tech Used:-** Motoko | Git, Github | React

AWARDS & ACHIEVEMENTS

- Winner of Smart India Hackathon under ISRO 2023
- Winner of IdeaThon 2.0 (2023)
- Achieved first place in the Coding Boot Camp organized by Chandigarh University
- Presented and Published Research paper in IEEEExplore
- Won student National Programme on Technology Enhanced Learning Achiever Award (2023)