ARAV KUMAR PRASAD

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 @AravKumarPrasad   @AravKumarPrasad

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 Management System   Feb 2024
- Developed and deployed an intricate web-based system to enhance the efficiency of managing and tracking government schemes, decreasing administrative workload by 60% and increasing data accuracy by 35%.
- **Tech Used:-** React | CSS | JS | NodeJs | ExpressJs | Database - PostgreSQL

Geospatial Query System   Nov 2023
- Developed an Machine Learning algorithm using NLP and fuzzy matching to identify and map geospatial entities from natural language queries to a canonical name database, handling spelling variations and diverse query formats.
- **Tech Used:-** ReactJs | NodeJs | ExpressJs | Database - PostgreSQL

Abnormal Voltage Detection System   Sept 2022
- Developed a system utilizing ACS723 sensor and K-Means algorithm to detect abnormal voltage levels in household electrical systems.
- **Tech Used:-** Python - K Means Algorithm | IOT-Internet Of Things

WORK EXPERIENCE

Blockchain Intern | Metacrafters Inc   May 2023 - Sept 2023
- Responsible for assisting in the design, implementation, and testing of decentralized applications (dApps) and smart contracts.
- **Tech Used:-** Motoko | Git, Github | React | PostgresSQL

Front-End Developer | Bharat Intern   Oct 2023 - Nov 2023
- Designed and optimized responsive and intuitive UI components using React, CSS, and JavaScript.
- **Tech Used:-** HTML | CSS | JavaScript | MySQL.

AWARDS & ACHIEVEMENTS

- Winner of Smart India Hackathon 2023
- Winner of IdeaThon 2.0 (2023)
- Achieved first place in the Coding Boot Camp organized by Chandigarh University
- Exercised financial stewardship as Treasurer at NSS Chandigarh University