Bhanu Udhay Singh

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 Linkedin | Github | Leetcode

PROJECTS

ScanEats
Tools: [React, Axios, Canvas API, OCR, Local Storage,Mongoose, dotenv, CORS, Multer (image uploads)]

- Built a full-stack nutrition label capture app with 60% accuracy .
- Integrated OCR in React for real-time nutrition analysis, calorie calculation, and steps tracking .
- Developed Node.js (Express) backend for OCR, nutrition data, user management, and health insights. .

VibeTuner
Tools: [React, YouTube API, State Management, Async/Await, Error Handling, Front-end Development, API Integration]

- Developed React app with YouTube API for mood-based music recommendations, enhancing engagement.
- Engineered async/await data fetching, reducing load times by 40%, enhancing music platform UX..
- Utilized React hooks and component-based architecture for scalability, maintainability, and faster rendering.

SKILLS

- **Programming Languages:** JavaScript, C++, Java, SQL, Shell Scripting, HTML, CSS.
- **Frameworks:** React.js, NodeJS, PostMan ,Spring Boot, Express,Hibernate, Tailwind
- **Database Systems:** MongoDB, MySQL, AWS.
- **DevOps & Version Control:** AWS, Git, GitHub
- **Computer Fundamentals :**OOPS, DSA, DBMS, Networks, System Designing.
- **Soft Skills :** Rapport Building, People Management, Excellent communication,Resilience

ACHIEVEMENTS

- Secured a Silver Medal in the Robo Event at NIIT Jalandhar (2023).
- Bronze Medalist at Tryst Event, IIT Delhi (2023)
- National Gold Medalist in Kabaddi (2019), demonstrating leadership, strategy, and endurance.
- Runner-up at campus hackathon for innovation.

LEADERSHIP & VOLUNTEERING

- Member of RISC, Inventix, and LitCrits under DSO Student Welfare.
- Volunteer, NSS, supporting community development and social welfare initiatives.

CERTIFICATIONS

- Tcsion(TCS) [Soft Skills , Business Ethics , Communication]   **Jun 2023**
- Generative AI with Large Language Models(Coursera) [NLP, GPT]   **May 2024**
- Fundamentals of Digital Marketing (Google) [SEO, Google Ads , Audience Targeting]   **Nov 2022**

EDUCATION

- **Lovely Professional University**   *August 2022 - Present*
  B.Tech in Computer Science & Engineering ; CGP (8.2/10.0)   Phagwara , Punjab
- **Spring Dales English School**   *July 2020 - Jun+e 2022*
  JKBose Higher Secondary Education ; GPA :9.5   Kathua ,Jammu and Kashmir