

C P Preyesh

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Technical Skills

Languages And Framework: Python,C++,HTML, CSS, JavaScript, TypeScript, ReactJS, NextJS, NodeJS, ExpressJS

Databases: PostgreSQL, MongoDB, Supabase

Other Skills: Github, Prisma, Bootstrap

Soft Skills: Communication, Adaptability, Teamwork, Time Management, Continuous Learning

Experience

ScalePeak Technologies

June 2024 – Aug 2024

Intern

Bengaluru, India

- **Resolved critical bugs affecting website functionality**, improving user experience and reducing downtime
- **Collaborated with cross-functional teams** to align frontend and backend requirements, ensuring smooth functionality and minimizing technical roadblock.
- **Integrated and tested APIs** to ensure seamless data flow and improved user interactions, achieving stable connectivity between backend services and frontend components.
- **Improved code quality and maintainability** by implementing standardized practices in frontend and backend linking, leading to fewer errors reported post-release.

Technologies Used: Nextjs, TypeScript, Supabase, Github

National-Level Intercollegiate Hackathon | New Horizon College of Engineering

January 2023

Bengaluru, India

- **Developed an innovative hand gesture-controlled game** using **Python, OpenCV**, allowing players to control actions based on **real-time hand gestures**.
- **Implemented hand detection and gesture recognition** to trigger game actions like **moving, jumping, or shooting** by recognizing specific gestures (e.g., fist, open palm).
- **I collaborated with a team** to design a **gesture-based interactive experience** that improves **accessibility and user engagement**.

Projects

PopStack: Collaborative Music Playback Platform | (NextJS,Tailwind,Prisma,PostgreSQL)

- Created a real-time music voting platform using Next.js, Prisma, and Postgres, enabling conflict-free song selection for events and increasing engagement by **allowing users to upvote songs, boosting decision satisfaction** .
- Engineered a voting system that **dynamically updates based on user input**, ensuring that the highest-voted songs are prioritized for playback without delay.

Technologies Used: NextJS,TailwindCSS,Prisma,PostgreSQL

Rice Mill Management System | (MongoDB,ExpressJS,ReactJS,NodeJS)

- **Built a comprehensive Rice Mill Management System** to streamline operations, enabling real-time inventory tracking that improved **stock monitoring efficiency by 35%** and reduced **manual inventory checks by 50%**.
- **Enhanced transaction management with secure, automated billing features**, cutting invoicing time by 30% and improving accuracy by 20%.

Technologies Used: MongoDB, Express, ReactJS, NodeJS

Prison Management System | (MongoDB,ExpressJS,ReactJS,NodeJS)

- Developed a robust system to handle inmate records, facilitating easy access to data such as personal information, **case details, sentence duration, enhancing data accessibility for prison staff**.
- Created a **visitor scheduling and verification system** to streamline the visitation process, enhancing both security and visitor experience.

Education

Bangalore Institute of Technology

Aug 2021 – Jun 2025

B.E in Artificial Intelligence And Machine Learning(AI ML)

Bengaluru, Karnataka