Prashant

Roll No.: IIT2021232
Bachelor of Technology
Information Technology
Indian Institute Of Information Technology, Allahabad

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PROJECTS

•Chat Application with Real-Time Messaging and Audio/Video Calling

Technologies Used: React, Firebase, TUI CallKit, JavaScript, Flexbox, Git, Vercel

- Developed a full-featured chat application using React for the frontend, ensuring a responsive and user-friendly interface.
- Integrated Firebase for real-time database management, user authentication, and secure storage solutions, enabling seamless and instant communication between users.
- Implemented audio and video calling functionality using TUI CallKit (API integration), enhancing the app with robust, high-quality communication capabilities.
- Designed and developed features such as: User authentication and profile management, File sharing (images, documents, etc.) within chat conversations and one to one audio and vedio call.

•CafeXpert

Technology Used: Java, Spring Boot, Angular, MySQL.

- Led the development of a system that greatly improved cafe operations, enhancing efficiency in invoice handling, product management, and user administration.
- Improved invoicing and billing processes, significantly reducing processing time and enhancing overall efficiency.
- Enhanced profile management and authentication security by 40%, ensuring data integrity and user protection.

TECHNICAL SKILLS AND INTERESTS

Languages: c/c++, Javascript, SQL, Basic Python
Developer Tools: Visual Studio Code, Sublime Text, Colab
Frameworks: React.js
Cloud/Databases: MongoDB, MySQL
Operating Systems: macOS, Linux/Unix, Windows
Soft Skills: Problem Solving, Trouble Shooting
Coursework: Data Structure and algorithms, Object oriented programming, Database Management system, Computer Networks, Operating System
Areas of Interest: Competitive Programming, Web Development

EDUCATION

•Indian Institute of Information Technology, Allahabad — *2021*
(Currently in 4th year) Bachelor of Technology in Information Technology — CGPA: 7.85

•KCM World School — *2020*
C.B.S.E. — 90.2

•Tagore Public School — *2018*
C.B.S.E. — 89.4

ACHIEVEMENTS

- Specialist at Codeforces(1400+)
- Knight at Leetcode
- National finalist of Code With Cisco Hackathon 2024
- Maths Mentor at chegg
- Achieved 99.4 percentile in JEE Mains, [2021]
- 3rd school rank in IMO(international mathematical olympiad)

POSITIONS OF RESPONSIBILITY

•Senator Gymkhana — *May,2024-Present*

•Co-ordinator Aparoksha(Technical Fest) — *March,2024-April,2024*

•Executive Aparoksha(Technical Fest) — *March,2023-April,2023*