SHARANJI P

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Skills

- Java | TypeScript | Python | Javascript | NextJS | React | Node | Express | MySQL | Zod | TRPC | TailwindCSS | MongoDB
- Docker | YAML | Git | WebSocket | WebRTC | NoSQL | Redux | Recoil | jQuery | GraphQL | ORM | Prisma | Bitbucket | REST API | JSON
- Firebase | Cloud Computing | CI/CD | Google Cloud | AWS | Unit Testing | OOP | Azure | Mongoose | Linux | Monorepo
- SaaS | Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Tamil– *All professional proficiency or above*

Experience

Full Stack Developer   **Jesperapps Software Services**   *Hosur,TN,IND*   **Dec / 2020 - current**

- Developed and implemented mobile applications using Flutter, Firebase, and NodeJs for real-time services through websockets.
- Gathering requirements and developing the business requirements into Applications using Flutter and React , NextJS.
- Involving in design patterns for building scalable applications using **System Design, Message queues, Proxies, and Design Pattern.**
- Utilized CI/CD pipelines for seamless delivery of ongoing projects , deployed to Appstore and Playstore using CodeMagic and kubernetes.

Education

Bachelor of Engineering(B.E)   **Adhiyamaan College,Anna University**   *Hosur, TN, IND*   **05/2020 - 02/2024**

- Major in Computer Science and Engineering

Personal Projects

Food Delivery App - Mobile Application | Flutter , GetX , Firebase , Payment Gateway (Paytabs) , Nodejs , AWS Elastic Bean
- Developed Flutter mobile application for both ios and android from scratch Individually.
- Developed a food recommendation system and other APIs with low latency , reducing server cost by 20 percent.
- Integrated payment gateway for mobile and web platforms. worked on MySQl , RESTful web services and Recommendation System.
- Deployed on [Appstore](#), [Play Store](#) [vasanta bhavan] .

Real Time Taxi Booking App - Mobile Application | Flutter , Bloc , Firebase , GoogleMap API , NextJS , NodeJs
- Implemented a robust Taxi booking application for users and drivers who are connected with servers using websocket Protocol.
- Integrated google map API and plotted data in GoogleMap sdk such as distance of lat long , polypoints , traffic data.
- Developed a comprehensive vehicle tracking system, enabling users to monitor their journey at realtime.
- Source Code : [Taxi Booking App](#) , [Driver App](#)

Video Conference App - Web Application | NextJS , Redux , WebRTC , WebSockets , NodeJs , NextAuth
- Developed Video Conferencing application : real-time peer to peer communication using peer js.
- Implemented secure authentication, real-time updates, and optimized performance for smooth, responsive drawing experiences.
- Integrated persistent drawings, version history, and collaboration tools, enhancing user experience and creative collaboration.
- Source Code : [Video Conferencing](#)

WhatsApp Integrated Personal Drive Manager- Mobile Application | Flutter , Bloc, ObjectBox - Hive
- Developed mobile application using Flutter and API service using NextJS for file sharing applications similar to dropbox.
- Designed and programmed a seamless integration between WhatsApp (v16) and personal drive management functionalities
- Implemented file synchronization to enable real-time synchronization between WhatsApp and storage services.
- Source Code : [personal drive manager](#)

COURSES
- **Full Stack - Infosys Springboard.**
- **AI Bootcamp - Udemy.**
- **Javascript Data Structures and Algorithms masterclass - Udemy.**

Mentorship
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | coding interview prep.

Achivements
- **JEE MAINS :** Cleared JEE Mains 2020 with 93.26 Percentile , which is 1st rank in my school.
- **Gold Award**: Veetuku Oru Vinyani - award for science project expo for IOT Project - presented by Mylswamy Annadurai , ISRO Scientist presented at National Institute of Technology (NIT) - Trichy
- **Gold Award**: Won 1st prize in logic corner - competitive programming in Adhiyamaan college of engineering.
- **Gold Award**: Won 1st prize in debugging error competition - Logical programming at National level symposium in PMC Tech college .
- **Organizer**: One of the organizers conducting the National level technical symposium-**COMPUTEX** in Adhiyamaan college of engineering.