

MOHAMMED WARISH

✉ khanwarish483@gmail.com ☎ 9991463786 📁 Portfolio in LinkedIn 🏆 Leetcode 🐙 Github

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2020 – present

Indian Institute of Information Technology Sri City Chittoor

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern

11-2023 – present

Dilate Labs Pvt. Ltd. 📄

- Developed a robust customer and lab partner application using Full Stack technologies such as React, **Zustand**, **Cloudinary**, **Firebase**, **Map**, Node, **Typescript**, MongoDB and REST.
- Enhanced security and user experience by **integrating Firebase reCAPTCHA**, enabling **login via Google accounts or mobile number OTP**.
- **Reduced** Server load by utilizing Cloudinary for efficient file uploads. Developed over **20 APIs for functionalities** including **order booking and reviews**.
- Implemented APIs for **fetching location** and integrated a **secure payment gateway** for seamless transactions.

TECHNICAL SKILLS

- **Languages** : C/C++ | Python | Java | Javascript | Typescript | HTML/CSS | SQL
- **Libraries/Frameworks** : React | Redux | Zustand | Node | Express | REST | Firebase | Cloudinary | Tailwind
- **Database** : MongoDB | MYSQL
- **DEVELOPER TOOLS** : Git and Github | Postman | Jupyter Notebook | Visual Studio

PROJECTS

LearnWiz 📄

06-2023 – 09-2023

Subscription based E-learning video streaming platform

- **Tech Stack:** React | Redux | Charts | Node | Express | MongoDB | RazorPay | REST
- Developed an E-learning platform to enhance the learning speed, where Educators can upload courses and Learners can watch videos after taking **subscription**.
- Implemented essential features including **Course management**, **Add to Playlist**, **Admin dashboard**, **Video streaming and Email notifications**.
- Implemented **Authentication** using **JWT** for security and **RazorPay payment** integration for seamless payment.

LEP 📄

09-2022 – 05-2023

Local Employment Portal for providing daily wages to local workers

- **Tech Stack** : React | Node | MongoDB | Redis | GraphQL | Stripe | Docker | Swagger
- Built a fully functional Full Stack application in a team of 5 members.
- Significantly **reduced the time** required to connect local workers with daily-wage opportunities.
- Three type of users, Employee, Employer and Admin
- **Booking functionality**, available **slot management**, **OTP verification**, handling **queries** and **admin dashboard management**.
- Implemented **Redis for caching**, significantly boosting application performance.
- **Stripe** for seamless payment transactions and **JWT tokens** for enhanced **authentication** and security.

FarmOrange 📄

12-2023 – 01-2024

Dynamic and interactive full stack dashboard app

- **Tech Stack** : React | Recharts | ChakraUI | Node | Express | REST
- Dashboard application based on **Modern UI**, providing **real-time** insights into profit percentages over time.
- Utilized **Recharts** library for Dynamic and **Interactive graph** generation.
- Implemented a **downsampling** algorithm to **optimize** data visualization and performance in case of larger dataset.

ACHIEVEMENTS

GPS Spoof and Detect in Ardupilot Simulating UAVs 📄

01-2023 – 08-2023

- **Published** a paper titled "GPS Spoof and Detect in Ardupilot Simulating UAVs" at the **21st IEEE OITS International Conference on Information Technology**.
- Spearheaded the research and **implementation of GPS Spoofing and Detection** for Unmanned Aerial Vehicles (UAVs), emphasizing the importance of **securing drones against cyber threats**.
- Demonstrated problem-solving skills by successfully **solving over 200 DSA problems on Leetcode**, showcasing proficiency in algorithmic and coding challenges.