Supragya Anand

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ABOUT

Passionate FullStack Developer with 1 year of experience in building dynamic web applications using React, NodeJS, and GoLang. Skilled in creating interactive frontends, responsive designs, and utilizing MySQL, PostgreSQL, and MongoDB for backend development. Committed to solving complex challenges and continuously learning new technologies.

SKILLS

- React JS
- Redux
- Node JS
- Express JS
- PostgreSQL
- MongoDB
- MySQL
- HTML & CSS
- GoLang
- JavaScript

EXPERIENCE

PHYFARM - FRONT - END DEVELOPER (December 2022 - Present)

Phyfarm 360 (React JS, Redux, Material UI)

- Worked as a sole front-end developer to build 360 application using React JS ,Material UI and Redux which allows super-admin, admin, sales, agronomist and access to operations team to application.
- The agronomist can use it as a chat application to connect to farmers through whatsApp , share images, videos and create tasks.
- The super-admin can create organisation. Admin can create roles for users and assign roles and permissions.
- The admin has access to farm management , where Google maps integration is used to plot farms, zones.
- List of farms shows farms for a user and fetches sensor data and IOT devices connected to hubs. List of environments (hubs) are present where operations team and admin can perform CRUD operations.

PhyFarm Operations CMS - PhyFarm Internal application (React JS , Redux)

- Built operations CMS from scratch and worked as the only frontend engineer on ReactJS ,Redux and Material UI.
- This application allowed PhyFarm internal team to view and modify list of clients, their payment methods and manage their subscriptions, user management, status of IOT devices.

Phyfarm Backend (GoLang)

- Developed a robust GoLang-based backend API for the Phyfarm app, empowering users to select and control devices, hubs, sensors, dosers, and triggers while ensuring real-time mobile notifications.
- Created CRUD (Create, Read, Update, Delete) API for user login with encryption using Bycrypt within the CRM system.
- Created api for calculating area marked by users on the map using longitude and latitude.

PhyWeb - Application used farmers to manage their IOT devices (React JS , Redux)

- Worked in a team of 5 engineers where I was responsible for building frontend features using ReactJS and Redux
- Built a custom module with user friendly UI elements for regulating pH and EC values of Autodoser which controlled IOT devices
- Built a graph which showed the regulated pH / EC values and the actual values to the user as feedback
- Integrated push notifications using Firebase which informed farmers when they needed to take action on certain device

PROJECTS

BOOK - STORE (Github Link)

Book Store is a MERN stack project—an online library app with user authentication . Using React, Express.js, MongoDB, bcrypt.js, and JWT, the app provides a seamless experience. Users can search and for books, and view book list. Book-Store demonstrates my expertise in full-stack development, showcasing proficiency in key technologies and delivering a functional and user-friendly web application for online library.

OPEN-IN-App (Github Link)

Developed a comprehensive task management system using Node.js, Express.js, and MongoDB, featuring JWT-based authentication and robust input validation. Implemented RESTful APIs for task and subtask management, including creation, updating, filtering, and soft deletion, alongside cron jobs for dynamic task prioritization and automated Twilio voice alerts. Ensured seamless user experience through detailed error handling and cascading updates to maintain data integrity.

EDUCATION

B.Tech in CSE with Specialization in Cloud Computing (May 24')

SRM IST Delhi-NCR Campus, Ghaziabad, UP - **8.9**

CBSE (Mar 20')

Shiv Jyoti SR Secondary School, Kota , Rajasthan

ICSE (Mar 18')

Mount Assisi School , Bhagalpur , Bihar