Divyansh Falodiya

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EXPERIENCE

SHOPOUT INDIA | Full Stack Developer Intern
Oct 2021 – Jan 2022 | Remote

- Developed a live stream event feature using **Agora SDK** on a **ReactJS** frontend with **Typescript**.
- Implemented realtime messaging using **Firebase** and integrated it with the live stream event.
- Built a user booking feature that allows users to book live demos with a store.
- Designed and developed the **Rest APIs** for an invoicing feature along with realtime updates using **NodeJS** and **Firebase** while utilizing **MongoDB** as the database.

BROWNWOLF STUDIOS | Frontend Developer Intern
Aug 2020 – Sep 2020 | Remote

- Built the user interface for an online ticket booking system using **NextJS** and **Material UI**.
- Improved the security of the system by implementing client-side authentication using **JSON Web Tokens**.

PROJECTS

11 BUGS Github | Live

- Built a web platform that allows users to link their Github, Codechef and Codeforces profiles and score them using a custom algorithm.
- Designed the **Rest APIs** for user recommendations, profile search and user friending using **NodeJS**, **ExpressJS** and **MongoDB**.
- Worked on building the user interface for multiple pages using **ReactJS** and **Material UI**.

GRASP Github | Live

- Created a web application that helps users build a roadmap for their personal goals.
- Developed the chat interface for the application using **ReactJS** and **Material UI**.
- Designed the **Backend APIs** for user authentication, user connections and roadmap management while utilizing **MongoDB** as the database.
- Implemented realtime messaging for connected users using **SocketIO** and secured the messages by encrypting them using **AES Encryption**.

CLASSROOM Github | Live

- Developed a web platform for teachers and students to engage in a virtual mode.
- Designed and built the **API Endpoints** for user authentication and authorization, assignment management and announcements using **NodeJS** and **ExpressJS**.

PLAG Github

- Built a plagiarism detection system for source code files written in C++ and Java.
- Applied feature extraction using language-specific open-source libraries in **Python**.
- Utilized an information retrieval technique known as **Latent Semantic Analysis** to detect the level of plagiarism.

EDUCATION

IIIT, GWALIOR
Bachelor of Technology in Computer Science Engineering
May 2023 | Gwalior, MP

LINKS

Github : DivyanshFalodiya
LinkedIn : divyanshf
LeetCode : DevF
CodeChef : divyanshf

SKILLS

PROGRAMMING LANGUAGES
C++ • Javascript

DEVELOPMENT
ReactJS • NodeJS • ExpressJS
MongoDB • HTML/CSS • BootStrap
EJS • NextJS • ThreeJS
RestAPI • Typescript

TOOLS/TECHNOLOGIES
Git • Github • Latex
Blender • Android Studio • Visual Studio
Adobe Illustrator • Heroku • Firebase

OTHER
Problem Solving
Data Structures and Algorithms
Japanese Language (Novice)

ACHIEVEMENTS

- Secured **First Position** among 50+ teams as the winner of Hackrocket 2022, a hackathon organized by Athenasquare.
- Ranked under **Top 6** teams among 1100+ participants in Codoctober 2021.
- Reached a highest rating of **1822 (4 Stars)** on Codechef.
- Secured a global rank in **Top 500** in March Lunchtime 2022 on Codechef.

COURSEWORK

Algorithms and Data Structures
Object Oriented Programming
Database Management System
Graph Theory