ALROY FERNANDES

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Education

Goa Engineering Of College Farmagudi Goa	**Sep. 2019 – May 2023**
*Bachelor of Science in Information Technology **CGPA:8.91***	*Goa, India*
St.Xavier's Higher Secondary School(Science) ,84%	**2019 Grad**

Experience

Bloombit	**November 2021 – Present**
Full Stack Developer Intern(Remote)	*Panaji, Goa*

- Developed the front-end of the application in **NEXTJS** which increased the SEO from **68%** to **84%**.
- Developed various **Backend APIs** in **GRAPHQL** and **NODE.JS** which avoided **OVER FETCHING** and hence reduced the overall request time by **28%**.
- Managed some complex Global states by using **REDUX** which increased the performance of the application by **39%**.
- In total duration delivered **3 front-end** and **2 full-stack applications**.
- Worked on technologies such as **React,Angular,Graphql,React-Native and Nodejs**.

Projects

Ecommerce Application | *React-Native,MongoDb,Redux,Graphql,Express|* video   **March 2022**
- Created a Market place for various pharmacies having features of a modern ecommerce application like Amazon.in.
- Used **React-Native** as a front-end technology to build the application.
- Implemented Sign-up with Google using **Passport.js** authentication.
- Created **Backend APIS** using **Express and Graphql** for better performance.
- Used **REDUX** to manage complex state in the application.
- Created a **Admin APK** with authentication to manage incoming orders.

Social Media Application | *React, Nodejs, MongoDb,Express* | live, code, video   **November 2021**
- Developed a Full-stack Social media application which is a cloned version of Facebook.
- Used **REACT** as a front-end tool so I could break this complex application into reusable components and **REDUX** for state management.
- Added all functionalities which are present in a modern social-media application.
- Created **REST APIs** to perform various **CRUD** operations.
- Used **NODE.JS** as a server-side language along with **EXPRESS.JS** and **MONGODB** for backend.
- Used **SOCKET.IO** for real-time chatting between users in the application.

Video-Chat Application | *React, Nodejs,Socket.io,Express* | live, code, video   **February 2022**
- Developed a Real-Time Chat application which allows users to have video calls.
- Used **REACT** as a front-end tool so I could break this complex application into reusable components.
- Used **NODE.JS** as a server-side language along with **EXPRESS.JS** for backend.
- Used **SOCKET.IO** for real-time communication between users in the application.

Achievements

- Solved more than **450+** Problems on Leetcode and **250+** Problems on GeeksforGeeks.
- Having a rank **ONE** for **Problem solving** on GeeksForGeeks in our institution.
- Solved 3 out of 4 Questions in **Google kickstart Round E** thus achieving a rank of **1927**.

Technical Skills

Languages:Java, Python, JavaScript, TypeScript.
Front-end: React, Angular, React-Native, Tailwind-css, Html.
Back-end:NodeJs, Express, MongoDb, PostgreSQL, Docker.

Profile Links

- Leetcode
- GeeksForGeeks
- Portfolio site