



RAYAN FERNANDES

React Full Stack Developer

✉ rayanfernandes9@gmail.com

☎ +91 87222 77308

📍 Mangalore, Karnataka, India

🌐 rayanfer32.vercel.app

🐙 github.com/rayanfer32

🌐 linkedin.com/in/rayanfer/

Hard Skills

- Designing UI mockups
- Proficient in React
- Discovering Low cost alternatives
- Complete end to end application development

Soft Skills

- Observation
- Decision making
- Communication
- Multi-tasking
- Critical Thinking

Education

Canara Engineering College

**Bachelor's Degree in Electronics
and Communications Engineering**

2016 - 2020

Padua PU College, Nantoor

Pre University

2014 - 2016

Navachetana English Medium
School

SSLC

2014

Hobbies & Interests

- Playing Guitar & Keyboard
- Reading Tech Articles
- Badminton
- Creating Telegram bots
- 3D Modeling

About Me

Curious about building applications and bringing ideas to life.

Having 3+ years of Industry experience in developing Web applications using React and Node.js Technologies.

- Having good knowledge of UI Frameworks.
- Experience in developing web-based applications using React, Redux Toolkit, CSS design systems like bootstrap, Web Services with Node.js
- Highly emphasizing on writing maintainable code
- Expertise in Different servers like Express and Flask and Development IDEs like VS code, and Visual studio.
- Experienced in Software version control tools like Github and Bit Bucket.

Technical Expertise:

Technologies: React.js, Next.js, Nodejs, Python, Strapi, .NET, PM2, docker, Oracle Cloud, edge.network

Web Services: Express, ASP.NET, Flask

Database: MYSQL, MongoDB

IDE & Tools: VSCODE, Visual studio

Professional Experience

Infosys - Systems Engineer | React Developer
2021 May - Present

Project: Runway Restriction editor

Description: Global Web application that allows ATCs to plan routes for aircraft based on the Restrictions active on the runways.

Technologies used: React, Node.js, Express, Git, Web Services, JavaScript, redux-toolkit, RTK-query, react-tables

Tools: VScode, Bitbucket, Rally, Jenkins

Responsibilities:

- Involved in designing and developing frontend UI from scratch.
- Developed CRUD features for the application.
- Added User Authentication and roles.
- Implemented search and filter on columns.
- Created multiple tables to compare the rows and columns.
- Integrated the app to work with paginated data.
- Manual Testing of UI defects and providing fixes and workarounds
- Unit testing using react testing library.

Professional Experience

Nexus.io | Full Stack Developer
2020 – 2021

Project: Nexus Blockchain Explorer V2

Description: A Web application to explore the nexus blockchain enables searching for blocks, transactions, and NXS addresses, and displays all of the blockchain vitals.

Technologies used: Next.js, React, Python, react-query, react-table, SASS, pm2, appwrite

Tools: Vscode, Figma, Trello, Github Projects

Responsibilities:

- Created Figma design for the new explorer from scratch, trying a few iterations on the designs and layouts.
- Worked on Apexcharts for displaying chart data.
- Wrote a python flask backend as cache provider to reduce direct API hits to the node, Thus, Improving page performance using pagination, caching, and incremental static generation for dynamic pages.
- Created React components using sass stylesheets
- Route API calls through an HTTPS proxy middleware to provide HTTPS support
- Used AppContext with a custom hook to keep the user settings persistent in localStorage
- Coded a logic to Dynamically fetch new blocks for the recent blocks/transactions view and render them with sliding animation.
- Made use of Recursive logic for InfoComponent to display the nested values in a JSON Object.
- Wrote a custom hook to switch between testnet and mainnet servers
- Worked on manual testing and other defect fixings

Project: Nexus Alerts Bot (Telegram)

Description: Shows Whale transactions on the nexus blockchain

Technologies used: Python, Linux

Tools: Vscode, pyrogram lib

Responsibilities:

- Put together a bot with a daemon thread that processes new blocks on the blockchain as they are created, parses the block for the amount, and sends a notification message to the channel.
- Polling logic used to scan for the latest block
- Account for lost blocks between polling intervals.
- Parser logic to scan for the amount, txid, from, to, etc.

Self Projects

Project: DemuxxBot

Description: Telegram bot for audio source separation, extract vocals and instruments using spleeter library, built using python.

Tech: Python, Linux, pyrogram library, Firebase

Tools: Vscode, Git

Niveus Solutions | React Developer
2022 – 2023

Project: ICICI CSP & Products

Description: Customer service portal and Products for ICICI

Technologies used: React, Nginx, bootstrap, jenkins, docker, radix UI, webpack, zustand, Gitlab

Tools: Vscode, Figma, React Devtools

Responsibilities:

- Took over development of 3 in 1 conversion completely, I had to understand the frontend code and work on joint account scenario handling which was complex.
- Worked on releasing pebble, and data governance and supported backend developer during the absence of teammate to successfully release the products on the said timelines.
- Helped to configure webpack to work with Flutterflow integration side by side
- Handled various client calls for products like 3 in 1 and NLI
- Created documentation and troubleshooting guides and best practices guides
- Took up CSR bug fixes and provided maintainable solutions.
- Helped juniors and taught them good coding practices.
- Created branch protection rules on GitLab and reviewed merge requests and provided clean architecture and corrective review comments.
- Planned micro frontend architecture and extracted TIO to separate repo
- Created mock backend for continuous development even when APIs were fluctuating
- Got Certified as Google Cloud architect
- Led Mortgage Dashboard and services development team and delivered finished product with minimal defects, and also guided junior developers to write optimal and maintainable code practices with code review comments. and encouraged exploring of popular libraries and tools for development.

Project: Internet Monitoring Bot

Description: A bot that keeps an eye out on the internet vitals and sends alerts on Telegram.

Tech: Python, Linux

Tools: Raspberry Pi