RAYAN FERNANDES

React / Javascript Developer

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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

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.

- Proficient in UI frameworks, CSS design systems, and maintainable code practices. Experience with diverse servers, IDEs, and version control tools (GitHub, GitLab, BitBucket).
- Experience in developing web-based applications using React, Next.js, Tailwind, Redux Toolkit, Zustand, etc.
- Highly emphasizing on writing maintainable code using Sonarlint, eslint, and Husky, through code reviews and sanity tests.

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 – 2022 Sep

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 a 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: Posts Whale transaction alerts happening 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.

Niveus Solutions | Cloud Associate
2022 Sep - Present

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 the development of 3-in-1 account 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.
- Configured Webpack and nginx to work with **Flutterflow integration** on the same domain
- **Handled 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.
- **Reviewed merge requests**, created branch protection rules on GitLab, and provided clean architecture and corrective review comments.
- Planned **micro frontend architecture** and extracted 3-in-1 to separate repo
- Created mock backend for continuous development even when APIs were fluctuating
- Got Certified as a **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 the exploration of popular libraries and tools for development.
- Helped flutter flow team with queries and API and deployment issues
- Researched docker vulnerabilities fixes and delivered resolution in a short time and prevented escalation
- Provided RCA for downtimes and issue tickets