

Jithinlal P R *Senior Software Engineer*

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PROFESSIONAL EXPERIENCE

Senior Software Engineer/Technical Lead, Neoito Technologies

2020 – present

- **Team lead and full stack developer** on multiple customer-facing projects.
- Responsible for the **development and architecture** of medium level projects.
- Devise plans to implement projects from the ground up by initiating **communication with the clients**
- **Train junior devs** to redesign and rebuild efficient web applications

Full Stack developer, Software Associates Pvt Ltd,

2017 – 2020

- **Full-stack developer** for one of the leaders in IoT solutions and cloud-based IoT solutions from India.
- Responsible for handling multiple **enterprise-grade solutions**, on the web, mobile as well as IoT domains.

PROJECTS

NextPort, Technical lead - construction communication platform

- Worked on the backend by designing the architecture on top of **clean code paradigm and designing REST APIs** efficiently and **led the front end and mobile team** towards an optimized and successful product
- Followed **agile development** process and contributed toward sprint refinement and planning
- Worked with various **AWS services such as Cognito, EC2** etc.
- Devised and implemented the **RBAC** of the project
- Introduced a business strategy that is being used by real-world clients
- Implemented clean code architecture to the entire front end and back end team

CBRE, Full stack developer on real estate domain

- Responsible for **queuing up for different jobs** such as emails, that are in relation to the business idea of the project using Laravel's in-built queue by database
- Engaged in **performance optimisation that leads to faster load times** of the application by **25%**
- **Re-structured** part of the application listing logic using **ReactJS from blade templating language**
- **Database design**
- Introduced a package named Laratrust that enabled to easily integrate access control to the project that **helped to reduce developer time** when it comes to role-based access control

Kerala State Disaster Management's Corona Safe open source community project,

Full stack developer

- Improved the patient details listing feature on the corona safe website which resulted in **40% less time to load** on the page
- Introduced a new form management strategy using a package named react-hook-form that **sped up the development speed of form related pages** throughout the application and less rendering of pages

Connexa, Solar panel dashboard with admin and user interface

- **Firestore** backend and a front end dashboard for customers made on top of react
- Real-time database design using firestore helped reduce the **overall cloud cost to the client by 10%**
- **Real-time chart** using chart.js
- State management implementation using **Redux**
- **Stripe payment integration** with a subscription model in-**built from scratch**. A recurring payment model along with a one-time payout option for the admin each month

Cruce, personal project (currently in development)

- a personal open-source initiative **similar to Heroku and Netlify combined**
- Helps **reduce the auto-deployment hassle both on the front end and on the back end**
- **Improved the developer time by more than 10%** when it comes to deployments
- Created simple state management using **Zustand** along with **Material UI**
- Backend code is running on **NodeJS**, with a strong base on top of **Shell script**
- Component testing using **react testing library**

ORGANISATIONS


The Mighty Node tech club, NeoITO

Nov 2021 – present

Mentoring young devs on writing better and more efficient code and **designing scalable backend architecture**. Introduced community programs such as "Package of the week" etc

CoronaSafe Network - opensource public utility,

Mar 2020 – Jun 2020

Full stack developer (React and Node) 

Worked with open source enthusiasts to support the **Kerala government's** effort against the covid pandemic. Took **initiative** on the **telemedicine and program the hospital modules**

SKILLS

Technologies (JavaScript, ReactJS, Redux, Nextjs, Node.js, HTML, CSS, Laravel, GraphQL, REST API, MongoDB, PostgreSQL, Zustand, SQL, NoSQL)

Cloud (Firebase, AWS EC2, Google APIs, Google Map APIs, Heroku, Netlify, Vercel)

Tools (Stripe, Docker, WebStorm, VS Code, Jest, React testing library, TDD)

VCS (GitHub, GitLab)

EDUCATION

Bachelor's in Computer Science and Engineering,

2013 – 2017

National Institute of Technology, Calicut

CGPA - 6.7

Main Project - Multi-Agent

Reinforcement Learning

AWARDS

Employee of the quarter, Software Associates Pvt Ltd

CERTIFICATIONS

JavaScript Unit Testing - The Practical Guide 

Udemy
React - The Complete Guide (incl Hooks, React Router, Redux)

Ui.dev
Advanced and modern JavaScript courses by Tyler McGinnis

Proworktree internship
On developing a medium level social-media platform for professionals

Wes Bos
Full stack advanced react and graphql

COURSES

Reactjs - The complete guide, Academind by Maximilian Schwarzmüller

Complete react course, by Tyler McGinnis