

# JITHINLAL P R

+91 9447483350  
jithinlal@protonmail.com

Self-directed and motivated software developer and team lead, working effectively in dynamic environments. A responsible and articulate individual with strengths in solutions optimizations, web development, mobile and cloud solutions.

## EXPERIENCE

### NeoIto, Senior Software Engineer/Technical Lead

October 2020 - Present

Lightning-fast software development services for growing startups from around the world.

### Software Associates Pvt Ltd, Web developer

November 2017 - October 2020

Technology leaders from web development to Cloud-based IoT solutions for various industries. One of the leaders in IoT solutions in India.

### CoronaSafe Network - open-source public utility, Full stack developer (React and Nodejs)

March 2020 - June 2020

CoronaSafe Network is an open-source public utility designed by a multidisciplinary team of innovators and volunteers who are working on a model to support Government efforts with the full understanding and support of the Government of Kerala.

## PERSONAL ACHIEVEMENTS

### NPM Package development

lnfc( [www.npmjs.com/lnfc](http://www.npmjs.com/lnfc) )

- MVC file creator that took inspiration from Laravel artisan
- Saved almost an hour on backend development for developers at the current office

Nuoreact(<https://nuoreact-docs.web.app>)

- A combination of reactjs and neumorphism, a newer design concept.
- First of its kind with adequate docs and guidance

## EDUCATION

National Institute of Technology, Calicut - B.Tech, CSE - August 2013 - May 2017

CGPA - 6.7

Main Project - Multi-Agent Reinforcement Learning

## SKILLS

### Cloud

Firebase, AWS EC2, Google APIs, Google Map APIs, Heroku, Netlify

### Backend

Nodejs, Laravel, Apollo Server, GraphQL, Stripe

### Data Storage

MongoDB, MySQL, Firestore, PostgreSQL

### Frontend

Reactjs, Angular 2, HTML and CSS, Apollo Client, Redux

### Hybrid Mobile App Development

React Native, Ionic

### Platform

Linux, macOS

### VCS

Github, Gitlab

## PROJECTS

### **Builder platform – technical lead**

- Team lead for a builder platform
- Worked on the backend architecture and led the front end and mobile team towards an optimized and successful MVP
- Implemented on top of clean code architecture and a plug-in based integration layer to achieve seamless and optimised backend

### **Real-Time Chat Module – with Reactjs, Nodejs, GraphQL and Apollo server**

- Created a real-time chat module using apollo server and graphql being the core backend tech stack.
- Utilized the graphql subscription for real-time personal chat and group chat using a channel-based subscription.

### **Kerala State Disaster Management's Corona Safe open source community project – with Reactjs and Nodejs**

- 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 formik that **sped up the development speed of form related pages** throughout the application.

### **CBRE — with PHP Laravel and MySQL on AWS EC2.**

- AWS, MySQL, Laravel
- Mail, Queue, Cronjobs, APIs, Performance optimisations
- Database seeding, blade HTML templating

### **Connexa — Solar panel dashboard with admin and user interface built with Firebase, IoT project, Stripe**

- Firebase – cloud functions, firestore, cloud messaging
- Real-time data plot using chart.js and real-time firestore capability
- Stripe payment integration – subscription and instant payment functionality
- Helped the client to design the database differently that resulted in **10% less expensive** for the client
- Dealt with the payment module using stripe. A recurring payment model along with a one-time payout option for the admin each month.

## AWARDS and RECOGNITIONS

The employee of the Quarter awards 3 times from Software Associates

**Upskiller of the Year** award for studying **new tech stacks** and working with them in new projects

Found out a **major security issue** on the company's server that helped the company from losing confidential information and money.

## PROGRAMMING LANGUAGES

Javascript, PHP, HTML

## LINKS

<https://www.linkedin.com/in/jithinlal-pr/>

<https://stackoverflow.com/users/8437740/kevin-red?tab=profile>

<https://stackoverflow.com/users/story/8437740>

<https://github.com/jithinlal>

## BLOG

<https://jithin-lal.blogspot.com/>

**Pet tracker** — *Mobile application to track pets using tracker device built using React Native*

- React Native
- Google Maps API
- Firebase cloud messaging
- Firestore real-time data fetch
- Instagram clone along with the tracker option
- Mentored two other junior employees to work on the backend of the project

**ENA solution** — *PWA dashboard for both admin and client users using MEAN stack*

- Angular 2, nodejs, chartjs, MongoDB
- Sole developer. Worked closely with the client
- Completed the entire project from the ground up, from setting up the server to the release of the final PWA

**Nucleonix** — *Real-time nuclear plant radiation visualization with React Native*

- Firebase, Google Maps API
- Developed both the admin app and the client app
- Firebase cloud messaging
- Mentored junior devs on the backend