

JITHINLAL P R

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.

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<https://www.jithinlal.dev>

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.

Coordinator, The Mighty Node tech club, NeoITO

November 2021 - Present

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

PERSONAL ACHIEVEMENTS

NPM Package development

lnfc(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

PORTFOLIO

<https://www.jithinlal.dev>

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

Tools

Stripe, Docker, Vercel, WebStorm, VS Code, Jest

Technologies

Reactjs, Redux, Nextjs, Angular 2, HTML and CSS, Apollo Client, Nodejs, Laravel, Apollo Server, GraphQL, MongoDB, MySQL, Firestore, PostgreSQL

Hybrid App Development

React Native, Ionic

VCS

Github, Gitlab

PROJECTS

NextPort – *technical lead*

- Team lead for a builder platform
- Responsible for the code review and best approach on the react front end side
- 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 seamlessly 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
- Used React and react firestore for real-time data processing
- 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 on 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*

- Reactjs, 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