

# Jithinlal P R Senior Software Engineer

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in LinkedIn 🐙 GitHub 📄 stackoverflow 📝 Blog

## 📁 PROFESSIONAL EXPERIENCE

### Senior Software Engineer, Gelato 🔗

Oct 2022 – present

- Working closely with the customers as well as internal team to provide with solutions that matter to the business
- Responsible for making decisions, working with internal teams for bringing in value and satisfaction on and off the organization

### Senior Software Engineer/Technical Lead, Neoito Technologies

2020 – 2022

- **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 in 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
- Used **Jest** for test driven development

### 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**
- Component testing using **react testing library**

## ORGANIZATIONS


### **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** (Golang, JavaScript, ReactJS, Redux, Nextjs, Node.js, HTML, CSS, Laravel, GraphQL, REST API, MongoDB, PostgreSQL, Zustand, SQL, NoSQL, Docker, Test Driven Development, Jest, React testing library)

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

**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**

**Standout Chief award, NeoITO**

For having a ace up your sleeve attitude while tackling roadblocks

## 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*