

Paalamugan S

Senior Software Engineer – Full Stack



Personal details

Name

Paalamugan S

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Website

paalamugan.com

Certifications

paalamugan.com/certifications

LinkedIn

linkedin.com/in/paalamugan-s-a6baa315b

GitHub

github.com/paalamugan

Profile

Having 6+ years of experience in **Full-Stack development** and more enthusiasm for my work. Extensive experience in working with **Product development** and strong skill sets in both **Front-End** and **Back-End development**.

Skills

Frontend Development – HTML5, CSS3, SCSS, JavaScript, TypeScript, NextJs, React, Redux, Angular, Vue, Svelte, Gatsby, Styled-Components, Chrome Extension.

Backend Development – NodeJs, NestJs, Express, Socket.io, REST API, GraphQL, Jest, Mocha, Cypress, MongoDB, MySQL, Redis, Sequelize, Prisma, RabbitMQ, PubSub.

Devops Development – Web Security, Security Engineer, Git, Jenkins, CI/CD, GitHub Actions, Hosting, Networking, Google Cloud Platform, Distributed System, Amazon EC2, Amazon S3, Docker, Kubernetes, SonarQube, Synk.

Full Stack Development – MERN Stack, MEAN Stack, JAM Stack, NextJS, Remix.

Operating System – Linux(Ubuntu), MacOS, Windows.

Achievements

Own Website Development:

I developed my website from scratch using **NextJS** Framework with **100% covering** all software standard levels.

[Click Here](#) to see the screenshot of my website performance from the **chrome developer tool(lighthouse)** survey. **Hard work** and **passion** for coding gave me **good learning** and **encouraged me** to do much better.

If you're interested, You can also check out my website here. <https://paalamugan.com>

NPM Package:

I Published 3 npm packages to the npm registry to make the developer's work easy when they will work using a single-spa micro frontend with React framework.

- <https://www.npmjs.com/package/@single-spa-example/react-styleguide>
- <https://www.npmjs.com/package/@single-spa-example/global>
- <https://www.npmjs.com/package/@single-spa-example/config>

Employment

Senior Software Engineer - Full Stack

Aug 2021 - Present

Quantiphi Analytics Solution, Bangalore

- Working as a Full-Stack Engineer with Angular, Reactjs, Nextjs, and Nodejs Frameworks on top of the Typescript Language.
- Currently I am working with a Maersk client, In this project, I have been working on NextJS with TypeScript framework, Redux for State management in the Micro frontend UI, Nodejs with Express, TypeScript for Backend, Prisma for relational database connection, and Helmet NPM Package for API Security in the Micro service's backend.
- Worked with @testing-library/react, Jest, Mocha, Chai, and Cypress framework for TDD and BDD.
- Had worked with clients such as Arizona Health Care Cost Containment System (AHCCCS), and General Motors-USA
- Worked on React for Arizona Health Care Cost Containment System (AHCCCS) Project.
- Implemented AHCCCS Internal Admin UI using React with TypeScript framework.
- Worked with Angular12, NodeJs, Express, Typescript, and PubSub for General Motors-USA Project.
- Created a Backend Server using Express with TypeScript from scratch as per the client's requirement.
- Developed showing all conversations and session listing UI page in frontend using Angular with TypeScript framework.
- Implemented some of the Dialogflow Messenger chatbot functionality that doesn't support by Dialogflow.
- I played around with HTML dom-manipulation using Javascript as per client need.

- Implemented additional functionality like **Refresh**, **Language Switch**, and **FullScreen** buttons in the **Dialogflow Messenger** chatbot.
- Created custom **webpack** configuration for the minified bundle of all the script files.

Software Engineer

Dec 2018 – Jul 2021

NamLabs Technologies Pvt Ltd, Chennai

- Worked as a Full stack web developer at **NamLabs Sass Based Product Company**.
- Worked on 4 Products such as **Atatus**, **UI Inspector**, **ReplayBird**, and **LeadMine**.
- Worked extensively on **Typescript**, **Angular**, **React**, **Redux**, **Gatsby**, **Vue**, **Jest**, and **Mocha** Framework in **frontend** development and **NodeJS** with **Express**, **Python** with **Flask** in **backend** development.
- Worked with both Relational(**Mysql**, **Clickhouse**) and Non-Relational(**Mongodb**, **Redis**, **Meilisearch**) Databases.
- Developed the application along with the solution design independently from scratch.

Atatus Product:

- Developed full Layout module for atatus documentation page using **Jekyll(Static Site Generator)** tool.
- Implemented 5 main features of atatus product: **Application Performance Monitoring**, **Browser Monitoring**, **Logs Monitoring**, **Infrastructure Monitoring**, and **Synthetic Monitor**.
- Implemented Most of the functionality in the **Synthetic monitor** feature both **Frontend(Angular)** and **backend(NodeJs)**. It includes web monitors, DNS monitoring, SSL monitoring, and TCP monitoring.

ReplayBird Product:

- Developed a **Full Static website** for end-to-end individually using **Gatsby(ReactJs and Redux)** with **Typescript** and **GraphQL** Framework.

Lead Mine Product:

- Implemented storing credit/debit card details information powered by **Stripe(Payment Tools)** and developed a subscription page using **Vue Framework** with **Typescript**.

UI Inspector Product:

- Developed Dashboard Page, Testcase Page, and Plan Page in both front end and back end using **Angular**, **MongoDB**, and **NodeJS** with **Typescript**.

- Done test run in **Cron Server** every 5min, 10min, and 1 hour and put some entry in **Redis** to check the status is passed or failed.
- Build custom **chrome extension** tools to help the user action in the record and save it to **MongoDB**.
- Record the user action with the help of **chrome extension** tools and run the test with a specific plan.

Junior Software Engineer

May 2018 - Nov 2018

Add-on Technology, Chennai

- Worked as a **MEAN stack developer** where I implemented Bakery internal Product(Anumod Bakery) using **MEAN stack technology(MongoDB, Express, Angular, NodeJs)**.
- Created the bakery application from scratch using **Angular 6** with **Typescript** on the **frontend** side, and **NODEJS** with **Typescript**, and **Express** in the **backend**.
- Implemented a Solution for Sending Messages to the customer about the order detail using **nodemailer**.
- Developed Small **E-commerce** Project using **Reactjs** with **TypeScript**, **Redux** for **State management**, and **Material-UI** framework.
- In the **E-Commerce** project, I have implemented **CRUD API** for products list in **NodeJS** with **Express**, **Typescript**, **Sequelize(MYSQL)** npm Package.

Software Developer

Aug 2017 - Apr 2018

Muthu Soft Labs, Chennai

- Worked as a Software developer at Muthu Soft Labs and learned **HTML, CSS, Javascript, Typescript, Angular, Nodejs**, and **Photoshop**.
- Worked on an internal project called **tangedco** using **Angular** and **Nodejs** Framework.
- Developed **UX Design** for **FinePaperSource** Project using **Photoshop**.

Education

B.E - ECE

Jun 2013 - Apr 2017

P.B College Of Engineering, Chennai

Studied an Electronics and Communication Engineering