Paalamugan Samayamuthu

Senior Software Engineer - Full Stack

Personal details

Name
Paalamugan
Samayamuthu

Email address
developer@paalamugan.
com

Phone number
+918838782493

Website
paalamugan.com

Certifications
paalamugan.
com/certifications

LinkedIn
linkedin.
com/in/paalamugan

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**. I always love to learning **new things** and **share my knowledge** with others.

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   **May 2023 - Present**
Glidewell, Newport Beach, California
- I'm working on creating dental web application for internal glidewell users. Recently I develop and launch a new internal dental web application(LMS).
- We are using MERN stack framework to develop the dental web application.
- Mentored junior software engineers, providing technical guidance and conducting code reviews, resulting in an increase in their productivity by 25%.

Senior Software Engineer - Full Stack   **Aug 2021 - Apr 2023**
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