

Ramanan Balamurugan

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GitHub

[Ramanan-Bala](#)

LinkedIn

[Ramanan Balamurugan](#)

Portfolio

[Ramanan Balamurugan](#)

Dev.to

[ramanan kb](#)

Education

2020 - 2024

B.E CSE

Panimalar Engineering College

2019 - 2020

Annai veilankanni's Mat. Hr. School

HSC - 71.1%

2017 - 2018

Annai veilankanni's Mat. Hr. School

SSLC - 88.2%

Skills

- HTML/ CSS/ SASS
- Tailwind CSS
- NgZorro, Ant Design
- Bootstrap
- Responsive Design
- Javascript/ Typescript
- Angular/ Vue
- React/ NextJS
- Python/ Django
- Java/ Spring Boot
- Node JS/ Express, Sequelize, Mongoose
- SQL
- MongoDB

Certificates

[Web programming with Python and Javascript](#)

Harvard University - CS50 edX

About

I am a computer science graduand with fundamental knowledge of skilled Full Stack Developer with a strong foundation in both front-end and back-end development. I have experience creating robust and user-friendly web applications. I excel in collaborative team environments and possess strong problem-solving abilities. My dedication to continuous learning allows me to stay up-to-date with the latest trends in the development industry.

Projects

SimplyDoc

[Live](#)

Oct 2021 - Apr 2022

Role: Front-End Developer

Responsibilities:

- As per the requirements creating the angular component from the Figma design
- Creating Auth guard for authentication and authorization
- Connecting backend and frontend using http client

Technologies used:

Front-End: Angular v13, TailwindCSS, NgZorro
Back-End : ASP.net core v5
Database : PostgreSQL v13

Project Description:

Multi tenant application in which doctors and hospitals can onboard by admin and update their availability schedule.

On the other hand patients can register and **search** specialty and doctors/hospitals **by geographical area** for the medical appointments

TN Street Vendors

(For Panimalar Engineering College)

[Live](#)

July 2022 - Oct 2022

Role: Front-End Developer

Responsibilities:

- As per the requirements creating the angular component from the Figma design
- Creating Auth guard for authentication and authorization
- Connecting backend and frontend using http client

Technologies used:

Front-End: Angular v13, TailwindCSS, NgZorro
Back-End : ASP.net core v5
Database : PostgreSQL v13

Project Description:

Multi tenant application in which members onboard by admin and update their shop and family and personal details

On the other hand admin can **add news** about their daily works that can be seen by everyone

Attendance Management System

(For Panimalar Engineering College)

[Github](#)

Feb 2023 - Mar 2023

Role: Back-End Developer

Responsibilities:

- As per the requirements creating the architecture for tables and develop it using Sequelize in NodeJs
- Creating JWT for authentication and authorization

Technologies used:

Front-End: Angular v15, TailwindCSS, NgZorro
Back-End : NodeJS, Express, SQLite, Sequelize

Project Description:

Multi tenant application in which mentors onboard by admin and add attendance to their students assigned by admin.

Mentors can download the analytic of student attendance **based on multiple filters**.

Server-side pagination to improve performance and reduce load on both server and client side.

Work Experience

PK Innovatives

Jun 2023 - Present

Project Intern

- Working in an **Attendance** and **Inventory** Management project as a Full-Stack developer.
- Used Angular, NgZorro for Front-end and NodeJs, Express, SQLite for the Back-end.
- **JWT** authentication and **Role-based** user login.
- Pagination, Sorting, Searching with **debounce** for increasing performance and reduce load on both server and client side
- Final **Report generation** and can be downloaded as excel.