Contact

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Protfolio   Ramanan Balamurugan

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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

Ramanan Balamurugan

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
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
Github   **Feb 2023 - Mar 2023**
(For Panimalar Engineering College)

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.