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Education

2020 - 2024
B.E CSE (Current CGPA: 8.6)
Panimalar Engineering College

2019 - 2020
Annai Veilankanni Mat. Hr. Sec. School
HSC - 71.1%

2017 - 2018
Annai Veilankanni Mat. Hr. Sec. School
SSLC - 88.2%

Skills

- HTML5, CSS3, JavaScript
- Typescript
- Angular, React, Vue
- Node JS, Express, Sequelize, Mongoose
- Bootstrap, Tailwind CSS
- Ant Design (react) NgZorro (angular),
- Python & Django
- Java & Spring Boot
- MySQL
- MongoDB
- Responsive Design

Certificates

[Web programming with Python and Javascript](#)

Harvard University - CS50 edX

[AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1](#)

Amazon Web Services (AWS)

RAMANAN BALAMURUGAN

I am a computer science graduand with extensive 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 software industry.

Projects

SimplyDoc

<https://simplydoc.ca> Oct 2021 - Apr 2022

Role: Front-End Developer

Responsibilities:

- As per the requirements creating the angular components from the Figma design.
- Creating Auth guard for authentication and authorization.
- Integrating 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

<https://tnstreetvendors.org> 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

Feb 2023 - Mar 2023

(For Panimalar Engineering College)

<https://github.com/Ramanan-Bala/attendance-management>

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 the admin.

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

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, and Searching with **debounce** for increasing performance and reduce load on both server and client side.
- Final **Report generation** and can be downloaded as excel or pdf.