

ARIFKHAN A

Python Developer & React.js

Profile

I possess a total of 3 year of experience in the Information Technology field, specializing in web development. My expertisielies in design and seamless integration, coupled with a keen ability for intuitive problem solving. I am highly proficient in **Python, Django, Flask, React.js, MySQL, Html, Css, Javascript and PostgreSQL**. I am deeply enthusiastic about both the implementation and successful launch of new projects. I have basic knowledge in **NumPY, Pandas, PyQt5, Poetry, Matplotlib** and **AWS**. Expertise in **Git** and **GitHub** for version control and collaboration.

Projects

Suntrion Teleradiology System

Suntrion Technosol Pvt Ltd

This project introduces a **teleradiology system** tool designed to provide enterprises with comprehensive insights from their project and collaboration data. The system integrates **DICOM images** and manages **Patients, Visits, Services, Referrers, and Users** with Role-Based Access Control to ensure secure access. RBAC assigns roles to users, enabling personalized workflows and enhanced data security. The system also supports real-time collaboration, report generation, and auditing, helping enterprises optimize **healthcare processes**, improve diagnostic accuracy, and make well-informed decisions for greater efficiency and effectiveness.

Roles and Responsibilities:

- My role in this project is to codes related to build a **referrer management module**. Designs and develops the user interface for the teleradiology system using React framework and Develop and maintain the server-side logic of the teleradiology system using Django Rest framework.
- Build a user-friendly interface and APIs to support the adding, updating, and managing referring physicians and management of referrer data. Implement features to link referrers to specific patients and visits.
- Ensure that communication logs between radiologists and referrers are easily accessible within interface. Ensure the module is responsive and integrates well with other modules in the system.
- Implement database structures to store referral history, interactions, and communication logs. Ensure secure data transmission and storage for referrer-related information. Integrate the referrer management module with the patient and visit management systems.

MaskVizPro

Code Metric - June 2023 - July 2024

This project introduces a sophisticated **data analytics and visualization tool**. This tool empowers enterprises by offering comprehensive insights derived from their project and collaboration data. The **data Analytics and Visualization Dashboard** is a tool that provides real-time insights into how users interact with an application. It helps businesses track important metrics like user engagement and activity trends, enabling informed decisions to enhance user experience and guide product development. Key features include **secure access control, customizable visualizations, reporting and filtering** options to view data from different angles. This dashboard helps identify patterns and potential issues quickly, empowering businesses to improve user satisfaction and optimize application performance effectively.

Roles and Responsibilities:

- My role in this project is to write scalable codes related to **dashboard creation and customization and data integration module**. Designs and develops the user interface using React framework and backend application using Django framework.
- By using REST API request methods to Integrates with databases, such as MySQL, to store dashboard data.
- Frontend components with backend APIs. I used to perform CRUD operation for creating to Implements user authentication and authorization flows on the frontend and Implements interactive and responsive data visualization components.

InsureGate

Statistical Software Solutions-Feb 2021-June 2023

This project presents a **robust system for managing and tracking product** insurance, functionalities essential for seamless management of insurance policies. Structured into modular components, each responsible for specific functionalities, the system facilitates the buying, selling, renewing and vendor swapping processes with utmost efficiency and accuracy.

Roles and Responsibilities:

- This class represents a **product module** and its attributes such as name, description, price, quantity, etc. It might have methods to update these attributes.
- Functions to manage the inventory of products, including adding new products, removing products, updating quantities, and checking availability.
- Methods to save product data to a file or database and load it back when the program start.

Roles And Responsibilities

Developed and maintained web applications using Python, Django, and MySQL. Using the HTML knowledges and CSS I created website layouts, optimizing applications for maximum speed, and ensuring user input validation before backend submission. In JavaScript I wrote sustainable code can be modified and scaled. Maintaining and updating the project dependencies to ensure compatibility and security in React.js. Used Git and GitHub for version control and collaboration.

Contact

+91 7639689632

arifkhanij32@gmail.com

Chennai, TN

Work Experience

Suntrion Technosol Pvt Ltd

Software Engineer
Chennai, Tamil Nadu.

Code Metric

System Engineer

June 2023-July 2024
Tiruchirappalli, Tamil Nadu.

Statistical Software
Solutions

Assistant System Engineer

Feb 2021- June 2023
Tirunelveli, Tamil Nadu.

Technical Skills

- Python
- Html
- CSS ,Bootstrap
- Django Rest framework, Flask
- MySQL, PostgreSQL, SQLAlchemy
- JavaScript
- React.js
- NumPY, Pandas
- PyQt5, Poetry
- Matplotlib
- AWS
- Git and GitHub

Education

Bachelor of Engineering

M.A.M College of Engineering & Technology
Tiruchirappalli, Tamil Nadu.

Language

- English
- Tamil
- Hindi-can be understand

Personal Details

FatherName: M.AbdulSalam

Address:

Gandavakkottai(tk),
Pudukkottai(dt),
Tamil Nadu-613301.