FENNY VARGHESE

Python Full Stack Developer

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Results-driven software developer with a passion for creating innovative solutions to solve real-world problems. Continuously learning and improving in areas like system design and code quality to deliver efficient and scalable applications delivering high-quality code to the organization. Dedicated to contributing to Technology organizations that value creativity and technological advancements within specified time and with focus needed. Committed to pushing boundaries and driving progress in the dynamic world of software and technology. Experienced in real-world projects and solutions that tackle client problems.

EDUCATION

APJ Abdul Kalam Technological University, B.Tech | Kerala,India   Jan 2024

Amal Jyothi College of Engineering & Technology | Certificate ID: AJC15EE013

EXPERIENCE

Python Full Stack Developer   May 2024 - Aug 2024

Inmakes Infotech Pvt Ltd | Kerala, India

- Delivered a modern E-shopping web-app with Django framework and MySQL DB with HTML, CSS, and JavaScript. Integration to REST improved the system and DB performance by 60%.
- Implemented web-based graphical representation with Seaborn and image processing map with OpenCV to apply in real world projects.
- Migrated MySQL to PostgreSQL which improved system runtime and performance at 40% more.

PROJECTS

E-Commerce Web-Application | HTML, CSS, Django, REST, MySQL   May 2024

- An Ecommerce Shopping Web Application, where users can search desired items, add them to wishlist or add to cart to checkout. Admin login only can perform CRUD Ops of products and its related images and also price.
- Integrated with Admin interface with statistics and control strategies of the application
- Migrated with REST Framework which improved performance by 70% for client interface

Portfolio Website | CSS3, JavaScript, Github Actions, Firebase   January 2025

- Uses CSS Flexbox and Javascript, which is an effective combination for specific UI Website
- Implemented Github Actions which builds and processes secret variables from github with npm and Webpack which improved security for firebase tokens

Movie Booking Web-Application | HTML, CSS, Javascript, Django, REST
API, MySQL   June 2024

- Developed a movie booking website integrated with Google Firebase OAuth 2.0 for authentication and admin-based movie management.
- Implemented Stateful integration for seamless ticket booking with REST API.
- Implemented Apache kafka real time recommentation and data streaming.
- Implemented Docker Container which improved the server performance by 40% for both integration and operations.

Git Auto Pusher | Bash, Git   December 2024

- A Bash Script which boosts performance by 40% for developers to add and commit files to Github more faster.
- Automatically adds Date, Time, Commit number to commit message which increased identification and usage of github more efficiently.

CODING PROFILE

**Leetcode	Link**	**Proficiency - 40%**
**HackerRank	Link**	**Proficiency - 30%**
**FreeCodeCamp	Link**	**Proficiency - 40%**

SKILLS

Languages

Client-Side	JavaScript (ES6)
Server-Side	Python
Query	SQL
Shell Scripting	Bash

State Management

API	RESTAPI
Authentication	JWT, OAuth 2.0

Frameworks

| **Server-Side** | Django |
| **Testing** | Selenium |

Libraries

UI Library	React.js (Learning)
Build Tools	npm
Bundle Tools	Webpack
Data Virtualisation	Pandas, NumPy, Scikit-learn
Testing	Pytest (Basics)

Databases

RDBMS	PostgreSQL, MySQL
NoSQL	Cloudstore, MongoDB (Basics)
Realtime	Firestore
Message Brokers	Apache Kafka (Basics)

CI/CD | IaC Tools

| **CI/CD** | GitHub Actions |
| **IaC** | Terraform |

Softwares

Code	VSCode, Jupyter Notebooks
Entity Relationship Diagram	pgAdmin
Source control	VSCode, Github Desktop
Containerization	Docker Desktop

Web Applications

| **Code** | Google Colab |
| **Entity Relationship Diagram** | PonyORM, LucidChard (Basics) |

Soft Skills

Personality Skills	Presentation
Demonstrable Skills	Problem-Solving, Cooperative Leadership, Focused Task Completions
Practical Skills	Documentation

General

| **Continuous Improvement** | Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Computer Networks |
| **Project Management** | Agile Project Management (Test-Driven Development) |