Sivakumar P

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EDUCATIONAL QUALIFICATION

Diploma in Data Science	2024 - present	Trichysdsd	72.12%
B.Sc Mathematics	2019 - 2022	sdhsdsd	71%
KSEAB – 12th	2017	B.M.S PU College For Women	87.67%
KSEAB – 10th	2015	Modern English School	87.52%

PROFESSIONAL EXPERIENCE

Software Developer Trainee   **Proactive Solutech , Alwarpet, Chennai**   **July 2024 - Present**

- **Developed multiple dynamic websites** using C# (ASP.NET Core) and Laravel; managed SEO, automated data scraping for content, and data visualization with Tableau and QGIS.
- **Designed and implemented automation systems** to extract tax information from government sites, reducing manual work; collaborated on database design, API integration, and security practices.

PROJECTS

SQL-AI   CODE | LIVE DEMO

- **Developed SQLAI, a Streamlit-based web application enabling users to upload CSV files and query data using natural language, powered by AI for SQL query generation.**
- **Implemented core features including automatic CSV to SQLite conversion, dynamic schema viewing, and real-time query execution, utilizing Python, Pandas, SQLite3, LangChain, and Groq.**

Automated Web Scraping and Email Notification System   CODE

- **Developed an automated web scraping tool using Selenium to extract daily notifications from the Income Tax India website.**
- **Integrated an email notification system to alert specified recipients of new notifications, leveraging Python and SMTP for seamless operation.**

ChoreBazaar – RBAC Service App   CODE | LIVE DEMO

- **Developed a full-stack service request management system using Vue.js and Flask, with role-based access control (RBAC) implemented via Flask Security to ensure secure, role-specific access to application functionalities.**
- **Designed a flexible database schema supporting multiple entities (Users, Professionals, Customers, Services, Service Requests) and relationships, and created secure RESTful APIs using Flask-RESTful for efficient data interaction.**

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PUBLICATIONS   LINK TO BLOG

- Publisized Picaso

CERTIFICATIONS

- Certified cool guy

EXTRA-CURRICULAR ACTIVITIES

- Lemon in the spoon , potato race and hurdles