AJAY T M

Software Engineer

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PROFILE

Motivated and skilled fresher in software development with proficiency in programming languages, front-end technologies, back-end frameworks, and database management(SQL, NoSQL, RDBMS). Strong desire to learn and collaborate effectively in a team environment.

PROFESSIONAL EXPERIENCE

Automation Engineer – Intern 🔗   01/2024 – 05/2024

MSQUARE Automation Solutions, Calicut

- Successfully implemented AI solutions and automated workflows using Make.com and Monday.com, resulting in a 30% increase in operational efficiency and a 20% reduction in manual errors.
- Developed and optimized custom workflows on Monday.com, improving team collaboration and project tracking. This led to a 25% improvement in project completion times and enhanced overall team productivity.
- Connected disparate systems through API integrations, creating seamless data flow and streamlined operations. This integration reduced data entry time by 40% and improved data accuracy across the organization.
- Leveraged data analysis and reporting tools to provide actionable insights, aiding in strategic decision-making. This contributed to a 15% increase in data-driven project outcomes and improved business performance.
- Created tailored applications (Custom apps) to address specific business needs, enhancing operational capabilities and meeting unique client requirements. These custom solutions led to a 15% increase in client satisfaction and operational efficiency.

Python Full Stack Developer – Intern 🔗   01/2021 – 04/2021

Quest Innovative Solutions Pvt. Ltd. , Kannur

- Designed and implemented responsive web applications using **Python** and associated frameworks (**Django**, **Flask**, **Angular**), resulting in a user-friendly interface that improved user engagement and satisfaction.
- Enhanced the user experience by contributing to the development and maintenance of front-end interfaces with **HTML**, **CSS**, and **JavaScript**, resulting in a **20%** increase in user interaction and a more modern, visually appealing design.
- Facilitated data exchange between front-end and back-end systems by developing **RESTful APIs**, streamlining information flow and enabling efficient communication between application components.

SKILLS

- **Languages**:   Python, Java, JavaScript, C/C++, SQL
- **Databases**:   MySQL, SQLite, MongoDB, Firebase, Monday.com, Notion
- **Frameworks**: Django, Flask, Angular, Node.js, React.js, Pandas, NumPy, Scikit-Learn, Matplotlib
- **VCS**:   Git
- **Automation**: Make.com
- **Platforms**:   PyCharm, Visual Studio Code, Jupyter Notebook, Google Colab
- **Web Scraping:** Selenium, BeautifulSoup

CERTIFICATES

- Artificial Intelligence and Machine Learning (AIML) – **ASAP** | **CERTIFICATE**
- Problem solving through programming in C – **NPTEL** – 85% | **CERTIFICATE**
- Data Base Management System – **NPTEL** – 56% | **CERTIFICATE**
- Introduction to data science – **Infosys springboard | CERTIFICATE**
- Crash course in Python – **Google | CERTIFICATE**
- Introduction to Git and GitHub – **Google | CERTIFICATE**
- Master Python Web Scraping & Automation using BS4 & Selenium | **CERTIFICATE**

PROJECTS

- **Virtual Assistant :**
  A virtual assistant for our local system, that will accept voice commands and do task for us. Developed in **Python**. It is a GUI application.

- **Zoo Management System :**
  Web application for automating all zoo operations including ticket booking. Developed in **Python** using **Django** and **SQLite**

- **Baker's Hut :**
  Web application that gives us the facility of ordering any type of bakery products that will be door delivered to them. The project has been developed in **Python** using **Django** and **SQLite**

- **Attend-Me :**
  Web application that gives the schools, the facility to manage the attendance of staffs and students. The project has been developed in **Python** using **Django** and **SQLite**

- **E-commerce Application** created using **MERN** stack and **Firebase** in backend

- **Twitter (X) Clone** created using **MERN** stack**.**

- Real time **Chat App** created using **MERN** stack and **socket.io** .

- **Threads Clone:** created using **MERN** stack, with a real time chat facility.

EDUCATION

MCA   **2021 – 2023**
A P J Abdul Kalam Technological University – **84%**

BCA   **2017 - 2020**
Kannur University (sde) – **65%**

LANGUAGES

- **English** (Read, Write, Speak)

- **Malayalam** (Read, Write, Speak)

- **Hindi** (Read, Write, Speak)

- **Tamil** (Speak)