Akash A

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Career Objective

I am an aspiring software developer with a robust background in programming and an innate ability to solve intricate problems. My strong problem-solving capabilities enable me to tackle technical challenges head-on, ensuring that every task is approached with precision and creativity.

Internship

Dynamic Scientific Research Technology

Aug 2022 - Dec 2022

Fx World School Mobile App

Role: Backend Developer

Created a mobile app with all the features and the requirements for the staffs and students, various information can be viewed and updated, that makes the app dynamic , the app is more stable and responsive. It is both Android and ios. The process requires careful planning, with emphasis on user experience and functionality.

Projects

Student Assignment Portal(SAP) | React Js | Node Js

Started wth a focus on backend development using Node.js and API integration, our platform empowers teachers to effortlessly post assignments post-school hours, while students can efficiently complete and upload their work within a secure online environmentLeveraging the power of Node.js, we ensure robust backend functionality, enabling seamless data management and real-time communication between teachers and students.

Enhanced School ERP Solution | Flutter | Node Js

Designed and developed a user-friendly mobile application for FX World School, integrating robust database and Node.js development. This platform enables staff and students to effortlessly access and update various information, including attendance records, and updated timetables. With its dynamic, stable, and responsive design, the application ensures a seamless experience, enhancing overall functionality for efficient data management.

Smart Controlling system | Arduino

As a part of a team project, I contributed to the development of a Smart Controlling System, a cutting- edge solution designed to automate and manage various aspects of a modern household.
Automation routines can enhance energy efficiency, increase security, and provide user convenience.

Hand Gesture Mouse Controlling System | Open CV

Created a hand gesture mouse controlling system that allows users to control the computer mouse using hand movements and gestures, eliminating the need for a physical mouse. By tracking the movements of the user's hand through cameras, the system translates these gestures into mouse commands, such as cursor movement, clicking, and scrolling

Traffic Managing System | Google Data Studio

A Traffic Management System integrated with Google Data Studio and leveraging data from cameras can offer real-time traffic insights and analytics. Custom dashboards and reports in Data Studio allow city planners and traffic managers to analyze trends, make informed decisions, and implement effective traffic measures

Certifications

Javascript for Beginners - **Udemy**

Machine Learning Basics - **Great Learning**

C Program , Python - **Skillrack**

SQL - **Hackerrank**

Education Qualification

B.Tech - Information Technology
Francis Xavier Engineering College
Tirunelveli.
- CGPA : 8.85 (Up to 6th Semester)

HSC
Francis Xavier Hr. Sec School
- 86.4%

CBSE
Francis Xavier CBSE School
- 78.4%

Skill

- C Program
- Python
- FLutter & Dart
- Javascript
- React
- Html and Css
- Mongo DB(No SQL)
- Postgress SQL
- MySQL
- Google data Studio
- Node Js
- Express JS

Area Of Interest

- Structural Queries
- Web Design
- Problem Solving

Tools

- Figma
- Canva
- GitHub
- Postman
- Appsmith

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