



# Akash A

✉ akashstudiess@gmail.com ☎ +91 96294 79807 🌐 akasha24

## 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

### 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 - **Skillrack**

SQL - **Hackerrank**

## Achievements

- Won the 1st Prize in "National Level Virtual Technical Event - Dashboard Fascia 2021" organized by the Data Science Lab held at Bannari Amman Institute of Technology
- Participated in Tamil Nadu Student Innovators Programme and completed two rounds

## 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

## Find me On

- Leetcode : /akashstudiess
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