

# Arivarasan A

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🔗 <https://github.com/Artificialvira>

## OBJECTIVE

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An Engineer with a keen interest in Software programs, possessing good interpersonal and analytical skills, who wishes to use technical knowledge catering to the needs of the company. I wish to work with a diverse group of people and see myself heading a group of people over a 1-year duration in the company.

## PROJECTS

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### Mission Nothing

A Spaceshooter Game

Created the dynamic shooting game "Mission Nothing" in Visual Studio Forms, featuring graphics with PictureBox and game mechanics using Timer, and incorporated SQL for efficient player data storage, demonstrating skills in game development, UI design, and database integration.

### GCS Customization

A Open Source Ground Control Station

Customized open-source GCS, rebranded, and expanded functionality, enhancing usability and features while maintaining the original framework's benefits.

### Hospital Management System

A Web App for hospital Management

Hospitals on autopilot? My ASP.NET Core symphony makes it real. Appointments sing, records waltz, and patient care takes center stage. Staff dances with efficiency, while patients groove to seamless check-ins. Healthcare harmony, conducted by code.

### LawCraftsman


A Chatbot Application for Every Individuals

A Project builds a legal chatbot. It gathers legal data, trains on NLP to understand user queries, and uses a decision tree to generate responses based on scenarios. The chatbot offers explanations in plain language, links to resources, and disclaimers, empowering users with basic legal knowledge.

## EDUCATION

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### Bachelor Of Technology in AI & DS

Chennai Institute of Technology 

2022/11 – present | Chennai, India

## ACHIEVEMENTS

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Top 1 in SAE India ADDC (Special)

Top 5 in Young Minds Internal Hackathon

Leetcode - Solved 220 problems

Microsoft Learn - earned 10+ badges 3+ Trophies

HackerRank - 3\* in C++

## PROFESSIONAL EXPERIENCE

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### Software Developer (Airoospace R&D)

2023/02 – 2023/12 | Chennai, India








Hands-on with drone software, AI-driven autonomy, and GIS integration.

Collaborated within a team, honing communication and problem-solving skills.

These days, I customized an open-source software named Mission Planner for the firm needs, adding new functionality and a new user interface.

## CERTIFICATES

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- Introduction to AI 
- Introduction to Microsoft Azure Cloud Services 
- Microsoft Azure Management Tools and Security Services 
- Backend Development using Asp.net 
- Dotnet Fullstack Foundation 
- Machine Learning with Python 
- Modern Computer Vision 

## SKILLS

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### Programming Languages

C++,C#, Python, Javascript, Typescript

### Frameworks

Dotnet, Asp.net, Angular JS, React JS,Web Based

### Tools

Visual Studio, Microsoft Azure, Docker, Pytorch,Git,Github

### Databases

MySQL, SQLServer, Azure Storage Services

### Soft Skills

Communication, Leadership, ,Engineer,Responsibility