

Arvind Manavalan

Software Developer

As a proficient full-stack developer and possess an insatiable curiosity for delving into the intricacies of machine learning and a deep passion for exploring the fascinating realm of quantum computing.



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EDUCATION

12th Grade

Chettinad Vidhyashram

05/2018 - 06/2020

95.2%

Bachelors of Technology

SSN college of Engineering

08/2020 - Present

8.17

PERSONAL PROJECTS

Hospital management system (09/2021 - 12/2021)

- A Software developed using Python's Tkinter a GUI powered by MySQL database that ensures efficient allocation/management of Patient/Doctor records

Student Admission Interface (02/2022 - 05/2022)

- A software project developed using Advanced datastructures Binary tree and B-tree that interlinks schools and colleges enabling transfer of student records making it hassle free and malpractise free

A personal Portfolio website (05/2023 - 07/2023)

- A personal portfolio website developed using React/Next framework with advanced concepts from three.js and Email.js

Icobe Screening Tool (07/2022 - 12/2022)

- A Website developed to implement the key ideas of ICOPE to allow patients to self analyse their mental and physical well being on a periodic scale. The results of their assessments are collected and presented to the doctor allowing them to have a clear idea of the patients mental and physical state

Professional chatting application
(05/2023 - Present)

- This software is developed to provide a platform to users to communicate with co-worker with deadline and roles. The project is developed using Angular (being converted to React as Angular does not support certain features) and Express/Mongoose as its backend

SKILLS

C/C++

Python

HTML

Javascript

CSS

node

react

flask

matlab

angular

express

mongodb

MySQL

ORGANIZATIONS

SSN film Club (09/2022 - Present)

Social media content creator/Designer

SSN gaming club (10/2022 - Present)

content Creator/designer

CERTIFICATES

Programming in Java (08/2022 - 11/2022)

Nptel course Offered by IIT madras explaining the fundamentals of Java

Software testing (01/2023 - 02/2023)

Nptel Course offered by IIT kharagpur illustrating the various techniques used to perform testing

Data science for Engineers (01/2023 - 03/2023)

Nptel course offered by IIT madras explaining the attributes behind data science and the statistical approach to data manipulation & etc

Android14 app development using Java
(08/2022 - Present)

A Course explaining the aspects of how to use Java to develop android apps

Node with react full stack application
(10/2022 - Present)

A full stack development course with implementation of high level attributes such as OAuth and various components of react/redux

LANGUAGES

English

Full Professional Proficiency

Tamil

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

INTERESTS

Badminton

Valorant

Painting