



MADHUMITHAA

I am a driven and enthusiastic student pursuing my Bachelors in Computer Science and Engineering at SSN College of Engineering. I am interested in web development, data analysis, program testing and debugging. I would like to work and apply myself in the above mentioned fields.

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EDUCATION

Bachelor of Engineering | *Computer Science*

SSN College of Engineering

CGPA: 8.87

Co-curricular : member of the NSS

Higher Secondary Education

Vanavani Matriculation Higher Secondary School

Percentage: 94.25

Positions of responsibility: Class Prefect

2018 – present

Chennai, India

2016 – 2018

Chennai, India

TECHINICAL SKILLS

- **Programming Languages:** C, Python, Java, C++, HTML, JavaScript , CSS, Dart
- **Database Management:** MySql, MongoDB, Oracle Sql
- **Web Development:**
 1. Flask Full stack development
 2. Mern stack development
 3. JAVA Full stack development
 4. Angular - Front-end development (basics)
- **IDEs:** VS Code, IntelliJ IDEA, Sublime Text, NetBeans
- **Mobile Application Development:** Flutter & Dart
- **Unix and shell programming**

EXPERIENCE

SDE Intern at LitWiz Labs

July 2021 – Present

Developing Full Stack Applications using React js and Node js

Designing and developing RESTful APIs.

Working with ML5.js - transfer learning with feature extractor

PROJECTS

DRUGSTORE MANAGEMENT | *C prg*

Drugstore management - This application is built using data structures like bst and queues in C programming language.

It is used to maintain drug inventory.

STUDENT-TEACHER RECORD MANAGEMENT | *Java*

Student-teacher application - This application has been developed using JAVA programming language. It allows to maintain student and teacher records and perform operations on them.

SNIPPET MANAGER | *Mern stack*

snippet-manager - This application has been built using React js, Node js, Express js, css and mongoose. This application allows users to register, login and manage snippets online.

CHESS CONFIGURATION DETECTION | *DL, CNN*

Chess configuration detection - This project predicts the FEN notation of a chess board using Deep Learning (CNN).

AIRLINE RESERVATION SYSTEM | *Flask*

Airline Reservation System - This is a web application developed using Flask framework and written in python3. It is a basic Airline management system where customers can book and cancel flight tickets. The Admin can add routes, flights and manage cancellations.

COURSES COMPLETED

- **Introduction to Cloud development with HTML, CSS and Javascript** | *Edx*
Front-end web development – *e-certificate*
- **Introduction to Cloud computing** | *Edx*
Basic concepts of cloud computing, Paas, Saas & IaaS – *e-certificate*
- **Deep Learning Fundamentals with Keras** | *Edx*
Basic concepts of DL, algorithms, activation functions, gradient descent, Keras library – *e-certificate*
- **Mern stack course** | *Udemy*
Developing Mern stack applications using React, Node js, Express and mongoose – *e-certificate*
- **Flutter App Development course** | *Udemy*
Building mobile applications using Flutter & Dart – *e-certificate*
- **Machine Learning Scientist with Python** | *Datacamp*
Performing supervised , unsupervised and deep learning using python – *e-certificate*

ACHIEVEMENTS

- Science Stream Topper of the School 2017 – 2018
- Proficiency Prize Winner 2016 – 2017
- Mathematics Topper of the School 2015 – 2016
Secured centum in Mathematics

LANGUAGES

- **English** | *full professional proficiency*
- **Tamil** | *full professional proficiency*

INTERESTS

Space science, Movies, TV shows, Music