



# 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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[github.com/Madhu-25](https://github.com/Madhu-25)

## EDUCATION

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### **Bachelor of Engineering** | *Computer Science*

SSN College of Engineering

CGPA: 8.87

Co-curricular : member of the NSS

2018 – present

Chennai, India

### **Higher Secondary Education**

Vanavani Matriculation Higher Secondary School

Percentage: 94.25

Positions of responsibility: Class Prefect

2016 – 2018

Chennai, India

## TECHINICAL SKILLS

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C

Python

Java

SQL

C++

Web development - HTML, CSS, Javascript

Mern stack development

JAVA Full stack development

UNIX and Shell programming

## PROJECTS

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### **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).

## COURSES COMPLETED

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### **Mern stack course** | *Udemy*

Developing Mern stack applications using React, Node js, Express and mongoose

*e-certificate*

### **Machine learning all** | *Coursera*

Basics of machine learning

*e-certificate*

### **Deep Learning Fundamentals with Keras** | *Edx*

Basic concepts of DL, algorithms, activation functions, gradient descent, Keras library

*e-certificate*

### **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 and how it works

*e-certificate*

## ACHIEVEMENTS

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### **Science Stream Topper of the School**

2017 – 2018

Secured the highest cut off in science stream- 194/200.

Topper in mathematics -194/200. Topper in physics- 198/200.

### **Proficiency Prize Winner**

2016 – 2017

Received Proficiency Prize for performance during the academic year 2016-17

### **Mathematics Topper of the School**

2016

Secured Centum in Mathematics.

### **Tamil Nadu State Academic Research and Training Institute- Quiz Competition**

2014

Secured First place in District level science Quiz

## LANGUAGES

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

## INTERESTS

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- space science
- Movies
- Music
- Reading
- TV shows