

# SUYAMBULINGAM M

## Student

A highly adaptable programmer with an excellent background in Web development, java, c ++, and Android development. Among my strengths are quick learning, consistency, discipline, hard work, and a desire to improve. I am eager to take on new challenges and broaden my horizons in the field of software development.

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📞 8015685391

🐙 [github.com/SUYAMBULINGAMM](https://github.com/SUYAMBULINGAMM)

## EDUCATION

### B.E. CSE

R.M.K. College of Engineering and Technology, Chennai

11/2024 – Present

8.3GPA,8.22CGPA

### Xth & XII th

Karapettai Nadar Boys Higher Secondary School, Tuticorin

04/2021 - 04/2023

Score: 84.75% XIIth

## ACTIVITIES / ACCOLODES

Participated in 3 Hackathons.

- Tuticorin Hackathon
- College Hackathon
- Hacker for AI Hackathon

Attended 4 technical events.

- Conferences
- Paper Presentation
- Blaze-Bot
- Designers On-Board

Volunteered in 1 technical events.

- General Volunteer for our college events.

## CERTIFICATION

Completed the certificated course for Infosys SpringBoard

- HTML5 - The Language
- Using AI to Transform Search
- Introduction to Binary Trees & Sorting
- Programming Using C++
- C++ Practical - Organogram in C++
- Introduction to JVM Languages - JVM, Java, Scala

Completed certificated for skillRack

## SKILLS

ReactJS

TypeScript

JavaScript

NodeJS

MySQL

MongoDB

HTML

CSS

C & C++

Android Development

Game Development

Git & GitHub

Java

## PERSONAL PROJECTS

### Personalized AI-Chat Bot

Developed a dynamic AI chatbot web application called CAREBOT, which integrates with the OpenAI GPT-3.5 model to simulate human-like conversations. The app includes user authentication, personalized chat experiences, and the ability for users to train the bot with new Q&A data.

- Built and deployed a responsive Flask web application with structured front-end (HTML/CSS/JS) and back-end logic.
- Integrated OpenAI GPT-3.5-Turbo API for real-time chatbot responses.
- Implemented user session management for personalized interactions using Flask session.
- Designed a training module allowing users to add custom Q&A to improve bot accuracy.
- Developed robust error handling and fallback mechanisms using mock response logic.
- Created a user-friendly sign-in interface with modern styling and font integrations.
- Ensured a smooth user experience with animated welcome transitions and message timestamps.

**Stack:** Python (Flask), HTML, CSS, JavaScript, OpenAI API, JSON.

### Brother: A Women Safety App

Designed and developed "Brother", a cross-platform mobile application focused on women's safety with real-time emergency features and interactive safety tools.

**Tools & Technologies:** React Native, Node.js, Express.js, MongoDB Atlas, Firebase (FCM), Google Maps API, Twilio, SendGrid, Expo, Git, Heroku/Render.

**Deployment:**

- Published app to Google Play Store and prepared iOS build via Expo.
- Used Render for free backend hosting with CI/CD pipeline setup.

## LANGUAGES

English

Full Professional Proficiency

Tamil

Native Proficiency

Hindi

Elementary Proficiency