

# THARUNBALAJI S

| Student |

📞 8883456565

@ tharunbalajisivanandham13@gmail.com

🌐 <https://linkedin.com/in/tharunbalajisivanandham>

📍 Coimbatore



## EDUCATION

Bachelor of Engineering - BE Mechanical Engineering

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

📅 08/2023

Computer Science

Lisieux Matriculation Higher Secondary School

📅 06/2021 - 04/2023

## SKILLS

rogramming Languages

C

C++

Python

Web development

HTML

CSS

Microsoft 365

MS-WORD

MS-EXCEL

MS-POWERPOINT

Designing

DMFA

## LANGUAGES

ENGLISH

Proficient



TAMIL

Native



HINDI

Advanced



## COURSES

PYTHON BASIC-ADVANCED

FRONTEND DEVELOPMENT

## STRENGTHS



### QUICK LEARNER

I am a quick learner who adapts easily to new situations. As a Mechanical Engineer with a strong interest in technology, I excel at problem-solving, which enables me to tackle challenges effectively. Additionally, I work well in teams and have strong communication skills, which allows me to collaborate with others and share ideas easily.

## PROJECTS

### MINI ATM TRANSMISSION

📅 08/2023 - 10/2023 📍 Coimbatore, India

Developed a console-based ATM application in C++ that allows users to authenticate via a PIN, check their balance, deposit, and withdraw funds. Implemented user input validation and error handling to ensure secure transactions.

- Providing hands-on experience in securely managing user data and improving problem-solving abilities.

### VOICE RECOGNITION

📅 11/2024 - 11/2024 📍 Coimbatore, India

Developed a mini Alexa-like application in Python using SpeechRecognition and pyttsx3. The app processes voice commands for tasks like answering questions and setting reminders.

- Enhancing my skills in natural language processing and application development.

### Typing-DNA AUTHENTICATION

📅 05/2024 📍 Coimbatore, India

Designed a web application for typing DNA authentication using **Python** for the backend and **Java**, **HTML**, and **CSS** for the frontend. The system analyzes typing patterns to verify user identity, enhancing security through biometric authentication. This project demonstrated proficiency in full-stack development and user interface design.

- Enhancing my Backend and Frontend development skills and connect the typing DNA platform for my Web Scribe