

## PERSONAL DETAILS

27 Palakkarai Street,  
Komarapalayam,  
Namakkal (DT) - 638 183,  
India.

+91 | 9488377496  
tharanimoorthy07@gmail.com

**GitHub :**  
<https://github.com/Tharani-M>

## TECHNICAL SKILLS

### Languages

Python

### Application package

MS Office suite

### API

Rest API Design

### Web technologies

HTML, CSS,

Java Script

### Database

Microsoft SQL

## PROFESSIONAL CERTIFICATION

### Python Certification

Platform : Guvi,hackerrank(Basic)

### 70-461, 761: Querying Microsoft SQL Server with Transact-SQL

Platform : Udemy

### SQL Certification

Platform : HackerRank

## LANGUAGES

**TAMIL** (Native speaker)

**ENGLISH** (Fluent)

## THARANI MOORTHY

[www.linkedin.com/in/tharani-m-7b00b4198](https://www.linkedin.com/in/tharani-m-7b00b4198)

## WORK EXPERIENCE

### Python Lecturer(Part time) | Cybernaut

Mar 2024 - Present

- As a Python Lecturer, I support student engagement, collaborate on enhancements, and receive positive feedback for my contributions.

### Analyst Programmer | Ramco Systems pvt ltd

Sep 2021- Aug 2023

- Designed and developed stored procedures aligned with the business requirements. Modified scripts to enhance existing features, address bugs also considered design impact in the existing code base.
- Implemented ETL operations and generated SSRS reports using visual studio and also did performance tuning in stored procedures.
- Designed RESTful API and GraphQL APIs .It resulted in an 80% speed boost in search and retrieval
- Used the Robot framework to automate the generation of reports and send them to customers via email as a reminder periodically.
- Tech stack : Microsoft SQL, Rest Api and GraphQL Design, RPA Framework

### R&D Intern | SoftwareAG

May 2021- Sep 2021

- Integrated Dialogflow API with Facebook Messenger for an NLP chatbot, enhancing accuracy and search speed by 50% through advanced AI understanding of user input.
- Engineered a Python-based Flask API and integrated with Dialogflow for ARIS product queries, utilizing Scrapy for web scraping Q&A and manuals. Employed NLTK for precise keyword extraction, enabling efficient search functionality to retrieve answers from queries and manuals through the API.
- Thoroughly tested ARIS Advance Cloud and Enterprise Portal features, documented bugs with improvement recommendations at each sprint's end, and recorded issues in the JIRA tracking system.
- Tech Stack : Python, Dialogflow,Flask API,Scrapy,NLTK Library

### Virtual Internship | The Sparks Foundation

Aug 2020 - Sep 2020

- Conducted data analysis employing logistic regression to identify the predominant age groups applying for loans and utilized the R-squared method to enhance predictive accuracy to 60%.
- Tech Stack : Python

## EDUCATIONAL DETAILS

BE- Computer Science

Institute of Road and Transport Technology, Erode

Jul2016 - Sep2020

## ACHIEVEMENTS

- 1<sup>ST</sup> RUNNER UP** - Hackathon by **Ramco CorpU**.
- 2<sup>ND</sup> RUNNER UP** - Hackathon by **Ramco CorpU**.