

MURUGALAKSHMI T

Driven Engineering Student | Future Software Engineer | Ready for Challenges

PROFILE SUMMARY

Detailed-oriented final-year Computer Science student specializing in backend and full-stack development. Proficient in **Java, Python, database management with MySQL** and **Automation**. Experienced in developing and deploying web applications using Flask and Django. Seeking a software development role to apply strong programming and problem-solving skills in building scalable solutions.

EDUCATION

Mangayarkarasi College of Engineering - (2022-2026)

B.E - Computer Science and Engineering

CGPA - 8.50 (Till 6th semester)

PROJECTS

Bank Loan ID Generation – using uipath

- Developed a UiPath automation solution to read customer data from an Excel file, complete a loan application form on the UI Bank website, capture the generated Loan ID, and update the Excel file with this ID.

Predictive Maintenance – using python programming

- Developed a predictive maintenance system using Python to analyze equipment sensor data, predict failures, and schedule maintenance using machine learning algorithms, enhancing operational efficiency and reducing downtime.

Resume Building Website – using HTML, CSS, and JavaScript

- Developed an interactive resume-building website that allows users to create, customize, and download professional resumes. Implemented features like dynamic form inputs, live preview, template selection, and PDF export using HTML, CSS, and JavaScript for a seamless user experience.

GUI Calculator Application – using Python and Tkinter

- Built a simple and responsive calculator using Python Tkinter with dynamic input handling, real-time expression evaluation, and a clean, customizable interface.

ADDITIONAL

- Symposiums** – Attended multiple technical symposiums, earning certificates and expanding knowledge in emerging technologies.
- Guvi Learnathon** – Participated in coding challenges to enhance programming and problem-solving skills.

ADDRESS: Madurai, Tamil Nadu , India

E-mail ID: muruga6805@gmail.com

Phone Number: [9025247084](tel:9025247084)

LinkedIn: in/Murugalakshmi

GitHub: github/Murugalakshmi

SKILLS

- Programming Languages** : Python , C, Java
- Web Development** : HTML, CSS, Javascript, Reactjs
- Robotic Process Automation
- Excel, Word
- Database** : MySql
- Framework and Libraries** : Django, Flask, Tkinter
- Tools and Automation** : UiPath, Git, GitHub, VS Code
- Problem solving

CERTIFICATIONS

- Developing AI Applications with Python and Flask** – IBM (Coursera) | October 7, 2025
- Getting Started with Git and GitHub** – IBM (Coursera) | August 12, 2025
- Data Structures and Algorithms using Java** – Infosys Springboard | August 3, 2025
- Java Database Connectivity (JDBC) and MySQL** – Udemy | July 8, 2025
- Java Programming** – LearnQuest (Coursera) | July 2, 2025
- Python for Data Science, AI & Development** – IBM (Coursera) | January 7, 2025
- Diploma of Completion in Robotic Process Automation (RPA)** – UiPath Academy | October 28, 2024

LANGUAGES

- English - Intermediate
- Tamil - Native