

KANAGASABAI THARSHAN

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SUMMARY

Dedicated and skilled Python Developer with a strong foundation in software engineering and extensive experience in system integration using APIs. Proficient in developing and managing ERP-like systems, automating workflows, and delivering innovative software solutions. Experienced in full-stack development with a proven ability to handle complex projects and ensure timely delivery. Well-versed in Python, Flask, and Django, with a keen interest in React and Next.js. Completed an internship at Kanda-IT, gaining hands-on experience in software development and system integration. Passionate about problem-solving and continuous learning to stay updated with emerging technologies.

PROFESSIONAL EXPERIENCE

August 2024 - February 2025

Python Developer Internship in Kanda-IT (Netherland Company)

- Developed an external ERP system that integrates seamlessly with other platforms using APIs for data synchronization and automation.
- Designed, implemented, and optimized backend functionalities for managing ERP workflows and ensuring data integrity.
- Utilized Flask and Pandas for data handling and Jupyter Notebooks for advanced data analysis.
- Collaborated with cross-functional teams to deliver a scalable business solution for Sukan Food, enhancing operational efficiency.

PROJECTS

ERP System Integration

Created a robust system for managing external data using API calls to facilitate efficient communication between systems. Ensured seamless data flow for operations like sales order management, customer data retrieval, and real-time updates.

Car Rental System

Designed and implemented a car rental system in C# with MySQL database support, incorporating functionalities such as vehicle booking, customer management, and real-time availability checks.

Car Booking and Parts Online Order System

Built a comprehensive car booking and parts ordering system using C# with MySQL, enabling users to book services and purchase parts via a web interface.

Hospital Management System

Developed a hospital management system using PHP, HTML, and JavaScript with a PHPMyAdmin database, streamlining patient and staff records management and appointment scheduling.

Weather Application

Designed a weather application using Flask and APIs to retrieve real-time weather data.

TECHNICAL SKILLS

Programming Languages: Python, C#, React, PHP, JavaScript, HTML, CSS

Frameworks & Tools: Flask, Django

Database Management: MySQL, PHPMyAdmin

API Expertise: RESTful Services, API Integration

Data Analysis & Visualization: Pandas, NumPy, Jupyter Notebook

Version Control: Git, GitHub

Cloud & DevOps: Azure

Design Tools: Figma, UI/UX Design, Graphic Design

EDUCATION

BEng (Hons) in Software Engineering
ESOFT Metro Campus, Jaffna - 2024
Higher National Diploma in Software Engineering
ESOFT Metro Campus, Jaffna
2022 – 2023

Advanced Level Studies (G.C.E A/L -2019)
Jaffna Hindu College
• A/L Mathematics Stream: 2C, 1S
Ordinary Level Studies (G.C.E O/L - 2015)
• 2A, 4B, 3C

NON RELATED REFEREES

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