



LASITHA DILSHAN THILAKARATHNA

SOFTWARE ENGINEER

Achievements

Achievement



Arctic Code Vault
Contributor I am
contributed code to the
2020 GitHub Archive
Program

Personal information

Name

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Github

<https://github.com/lasithadilshan>

Linkedin

<https://www.linkedin.com/in/lasitha-thilakarathna-3027ab120/>

References

Jeewaka Nuwan Fernando

Associate Architect - Virtusa

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Nirodha Rupasinghe

CEO - Java Institute

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Objective

I am a Software Engineer with 4 years of working experience in IT Industry. I am looking for opportunities in career growth and stability and look forward to work with confidence in a dynamic and challenging environment, which utilize my knowledge for the benefits of your organization and enhance my skills as well.

Experience

2022 - Present

Virtusa

Associate Software Engineer, Colombo
*Perform Frontend, Backend and Data
Engineering (Generative AI) tasks*

2021 - 2022

Surreytech Consulting Sri Lanka

Intern Engineer
One year internship - Full Stack

Education

2023 - Present

Msc in Information Technology (Reading)

SLIIT, Sri Lanka

Master of Science in Information Technology

2018 - 2021

B.Eng in Software Engineering

IIC University of Technology (IIC), Cambodia

Degree(Second Upper) (GPA - 3.56)

Projects

- 2024 **AI-POWERED CV EXTRACTOR - GENERATIVE AI**
Virtusa
An AI application that extracts information from various CV formats, organizes it into a predefined template, and exports the result as Word or PDF.
Python, Generative AI, OpenAI, LangChain, LLM
- 2024 **SDLC AUTOMATATION - GENERATIVE AI**
Msc Final Year Project
Developed a system leveraging Generative AI to enhance the Software Development Life Cycle by automating the generation of user stories, test cases, and scripts.
Python, Generative AI, OpenAI, LangChain, LLM
<https://github.com/lasithadilshan>
- 2024 **BRD TO USER STORY GENERATION - GENERATIVE AI**
Virtusa - Generative AI Hakathon
Created a solution to transform Business Requirement Documents (BRD) into user stories using Generative AI, streamlining the software development process.
Python, Generative AI, OpenAI, LangChain, LLM
- 2023 **AFTER HOUR TRANSPORT & FOOD MANAGEMENT SYSTEM**
Virtusa
Created a solution to manage foods and transport facilities for the employees to work after office hours.
Microsoft Power Apps, Microsoft SharePoint React TypeScript
- 2022 **PROTECTIVE_OPENTEXT PROGRAM(PRINT_PRO)**
Virtusa Client Project
ANGULAR PROJECT
TypeScript, Bootstrap,CSS, Scss, Material UI
- 2021 **DOCTOR APPOINTMENT MANAGEMENT SYSTEM**
Surreytech Consulting Sri Lanka
Angular Project for managing and scheduling doctor appointments of patients
TypeScript, Bootstrap,CSS, Scss, Material UI
- 2020 **SOCIAL NETWORK ANDROID APPLICATION**
JAVA INSTITUTE 3'RD YEAR PROJECT
ANDROID VIVA PROJECT
Java, SQLite , Firebase , FireStore
- 2019 **FOOD ORDERING SYSTEM**
Personal Project
A solution for ordering foods
Java Native Android, Firebase
- 2018 **SHOE SHOP WEB CART JAVA WEB APPLICATION**
JAVA INSTITUTE 2'ND YEAR PROJECT
JAVA WEB APPLICATION
Java, MySQL
- 2017 **PHONE SHOP JAVA DESKTOP APPLICATION.**
JAVA INSTITUTE 1'ST YEAR PROJECT
JAVA SE APPLICATION
Java, MySql

Skills

Programming Languages

Java	●●●●●
Javascript	●●●●●
CSS	●●●●●
Html	●●●●●
SCSS	●●●●●

Web Development

Java Spring Boot	●●●●●
Angular	●●●●●
React	●●●●●

Version control

Github	●●●●●
GitLab	●●●●●

Mobile Development

Native Android	●●●●●
Google Play Store	●●●●●

Generative Artificial Intelligence

Open AI	●●●●●
LangChain	●●●●●
LLM	●●●●●
Hugging Face	●●●●●
FastAPI	●●●●●

Database

MySql	●●●●●
PostgreSQL	●●●●●
Firebase	●●●●●

API Management

Spring Boot	●●●●●
Fast API	●●●●●

Competences

- ✓ **Career Essentials in Generative AI**
Microsoft and LinkedIn, 2023
- ✓ **Gen AI Hackathon Certificate of Participation**
Virtusa, 2024
- ✓ **Virtusa Custom Generative AI Pathway Certification**
Virtusa, 2024
- ✓ **Virtusa Certified GenAI Assisted Engineer Program Certificate**
Virtusa, 2024