



SHASHEN THENUJA

SOFTWARE ENGINEER

☎ +94 77 896 8073

✉ shashengg@gmail.com

📍 Malabe, Colombo.

🌐 www.shashenthenuja.com

🌐 [linkedin.com/in/shashen-thenuja/](https://www.linkedin.com/in/shashen-thenuja/)

🐙 github.com/shashenthenuja

PROFILE

I'm a highly motivated software engineer with a strong and fluent foundation in programming principles as well as designing. I have successfully contributed to both individual and collaborative projects, showcasing my problem-solving skills and ability to design efficient, practical solutions.

EDUCATION

Bachelor of Computing Software Engineering

Curtin University, Australia
SLIIT
2020 - 2023

Cambridge Ordinary Levels & Advanced Levels

Lyceum International School
2017-2019

PROJECTS

CourseConnect - Course Aggregator Web App

Jul 2023 - Nov 2023

CourseConnect is a sophisticated web application designed to empower fresh graduates in their journey to bridge skill gaps by seamlessly discovering an extensive selection of courses offered by diverse providers.

Features :

- Web Scraping
- Natural Language Processing
- Course Categorization
- Mobile Responsive & More



FoodGrid - Mobile Food Purchasing Application

Sep 2022 - Oct 2022

A user-friendly app which enables seamless browsing of restaurants and food items, allowing users to add products to the cart, complete secure checkouts through registration or login, and view detailed order histories with cost breakdowns.

Features :

- User-friendly and Intuitive Interface
- User Authentication
- Cart Management



SKILLS

→ Java

→ C

→ Python

→ .NET

→ Databases

→ Critical Thinking

→ Time Management

→ Cloud Services

→ Version Controlling

→ Operating Systems

CERTIFICATION

Fundamentals of Digital Marketing

Google Digital Garage
2021

Introduction to Cyber Security

CISCO Networking Academy
2021

NDG Linux Unhatched

CISCO Networking Academy
2021

Web Design for Beginners

University of Moratuwa
2021

Python for Beginners

University of Moratuwa
2022

JobPosting - Peer to Peer System

Sep 2022 - Oct 2022

This robust peer-to-peer system is built where users can input Python code snippets as jobs, monitor job status, query the networking thread for real-time updates, and interact with the job board for task management. This uses multi-threading and Base 64 encoding to secure data transmission, and SHA256 hashes verify the integrity. The website provides real-time updates on connected clients and completed jobs.

Features :

- Synchronization and Concurrency Handling
- Real-Time Job Monitoring
- Secure Data Transmission



ArenaWars - Single Player JavaFX Game

Aug 2023 - Sep 2023

In this single-player JavaFX game, players defend a citadel in an arena against an army of killer robots. Players must defend the citadel by placing walls strategically. The walls can be broken by robot impacts destroying itself. Multithreading techniques such as blocking queues and thread pools are used to effectively manage concurrent operations, contributing to the game's responsiveness and performance.

Features :

- Multithreading
- Synchronization and Concurrency Handling
- Graceful Thread Termination



CourseScraper - Course Data Web Scraper Tool

Aug 2023 - Sep 2023

This project is a Python script that harnesses web scraping techniques with natural language processing to extract course data from classcentral.com, subsequently populating it into a MySQL database with seamless efficiency. This versatile tool offers both automatic and manual execution modes, allowing users to tailor the data population process through command-line options.

Features :

- Web Scraping
- Natural Language Processing
- Data Integrity



WORK EXPERIENCE

Web Developer - WordPress

Fiverr. / 2019 - Present

Design and development of WordPress websites as a freelancer from 2019 till the present with all 5-star reviews for every project delivery.

Elements of AI

University of Helsinki
2023

Postman API Student Expert

Postman
2023

HONORS & AWARDS



Winner

IFS Discover Challenge III 2022
Programming Competition
Organized by IFS Sri Lanka
Enterprise Test Automation and
Beyond