

Shigivahan Athithan

Thoothukudi | shigivahan@gmail.com | +91 9344718155 | shigivahan.com | linkedin.com/shigivahan
github.com/ShigivahanA

Education

Kalasalingam Academy of Research and Education , B. Tech in Computer Science	August 2021 – Present
<ul style="list-style-type: none">Cumulative GPA: 8.16Coursework: Data Structures, Computer Architecture and Organization, Database Management Systems, Machine Learning, Design and Analysis of Algorithms, Data Visualization for Analytics, Big Data Analytics, Automata and Compiler Design	
Nxtwave Disruptive Technologies	June 2022 – Present
<ul style="list-style-type: none">Industry Ready Certification in Full-stack DevelopmentCoursework: Python Programming, Static Websites, Responsive Websites, Dynamic Web Application, Databases, JavaScript Essentials, Flexbox, Node Js, React Js, Data Structures and Algorithms	
Sakthi Vinayakar Hindu Vidyalaya , Intermediate	June 2020 – April 2021
<ul style="list-style-type: none">Percentage: 80.4Coursework: Computer Science(Python), Physics, English, Mathematics, Chemistry	
Good Shepherd Model School , Secondary	June 2018 – April 2019
<ul style="list-style-type: none">Percentage: 85.7Coursework: Mathematics, Science, Social Science, English, Tamil	

Publications

Data Visualization and Analytics for Price Elasticity on Commodities Using Machine Learning Techniques	December 2023
Nagaraj P, Shigivahan A , Charan Vivek Raj R ieeexplore.ieee.org/document/10452435	

Projects

Personalised Learning Recommendation	github.com/shigivahan/
<ul style="list-style-type: none">Developed an advanced Python and Streamlit app for personalized learning recommendations, featuring a secure user profile system and admin dashboard for content management, emphasizing web development, data management, and user experience.Tools Used: Python, Streamlit	
LEVYLOOM - Tax Calculator	tvaedunavigate.com github.com/shigivahan
<ul style="list-style-type: none">Developed the LevyLoom Tax Calculator in 36 hours, available on Android, iOS, and web. It streamlines tax calculations, includes ChatGPT for quick assistance, and ensures a smooth experience on both mobile and desktop platforms.Tools Used: Flutter – dart language and Kotlin for API Access.	
Medium.com WebScrapping	github.com/shigivahan
<ul style="list-style-type: none">Developed a web scraping script using Puppeteer to extract and process article data from Medium, handling dynamic content and ensuring robust error management.Tools Used: Puppeteer, JavaScript, Node.js	

Certifications

Oracle Cloud Infrastructure 2023 Certified Data Science Professional	December 2023
Node.js Certification - CCBP 4.0, NxtWave Academy	July 2024

Achievements

Top 5, 36-hrs Hackathon: A 36-hour hackathon at AITR Indore. Built the LevyLoom Tax Calculator for Android, iOS, and web, making tax calculations easier. It incorporates ChatGPT for instant support and provides a seamless user experience across all devices.

First Prize, Web Development Competition: Successfully built and updated a website from scratch, meeting all test case criteria.

Second Prize, IBM's Distinguished Machine Learning Paper: Awarded 3rd prize for a synchronized calendar project out of 100 entries

Technologies

Languages: Python, SQL, HTML, CSS, JavaScript, React, Node, C++ , Java, R(Basics).

Platforms and Framework: Power BI, Tableau, Data Analytics, Figma, Android Studio, GIT, Express(node),Next.js, MongoDB, MS Excel, REST API.