

# Elango Sugikaran

Software Engineer

 [Portfolio](#) |  [LinkedIn](#) |  [GitHub](#)

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## PROFILE SUMMARY

A motivated **Software Engineering Graduate** with excellent **interpersonal skills** and a proactive approach. Skilled in adapting to new challenges, excelling as a **team player**, and delivering high-quality solutions. Passionate about leveraging **technical expertise** and **problem-solving abilities** to contribute to innovative projects in the software industry.

## TECHNICAL SKILLS

Languages	: HTML, CSS, JavaScript, PHP, Python, C#, ASP.NET
Frameworks	: Laravel, Bootstrap, React.js, Node.js, Express.js, Tailwind
Databases	: MySQL, MSSQL, MongoDB
Design Tools	: Adobe XD, Figma, MS-Visio
Dev Tools	: Visual Studio Code, Git, GitHub

## RELEVANT COURSEWORK

- |                       |              |                               |                   |
|-----------------------|--------------|-------------------------------|-------------------|
| • Data Structures     | • Algorithms | • Object-Oriented Programming | • Web Development |
| • Database Management | • ML and AI  | • SDLC                        | • Problem-Solving |

## EDUCATION

<b>London Metropolitan University (UK)</b> <i>Bachelor of Engineering (BEng) in Software Engineering</i> Award Class: Lower Second Class Honours.	2023 – 2024 <i>Successfully completed at Esoft Metro Campus, Colombo.</i>
<b>ESOFT Metro Campus, Wattala</b> <i>Higher National Diploma (HND) in Computing - General</i> Successfully completed. An Overall Result: Pass.	2021 – 2023 <i>Assured by Pearson UK Global.</i>
<b>ESOFT Metro Campus, Wattala</b> <i>Diploma in English (DIE) An Overall Grade: Merit.</i>	2023 <i>Successfully completed</i>
<b>ESOFT Metro Campus, Wattala</b> <i>Diploma in Information Technology (DITEC)</i>	2021 <i>Successfully completed</i>
<b>J.M.C College International, Dematagoda</b> <i>G.C.E Ordinary Level</i>	2019 <i>Successfully completed</i>

## EXTRA ACTIVITIES

- Currently following an **online Full Stack Developer** course offered by the **University of Moratuwa**, with a focus on web and software development.
- Successfully completed a **3-month professional practice training**, gaining hands-on experience in software development.
- Experienced in managing and completing **computer research projects**, including two successful projects during academic studies.
- Developed several **web and desktop applications** using modern development tools, programming languages, and frameworks.
- Learning the **MERN Stack (MongoDB, Express.js, React.js, Node.js)** and have completed a small project showcasing full-stack development capabilities.
- Currently studying **ASP.NET** at an advanced level on **Udemy**, further enhancing expertise in web application development.

## PROJECTS

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### **E-commerce web application for “Crystal Vision Optical” Store - Degree Final Project**

[Source Code](#)

- Developed a web-based application for **Crystal Vision Optical** using **HTML, CSS, JavaScript, PHP, and MySQL**
- Implemented a **chatbot feature** and a **product delivery** system to enhance customer interaction and service
- Utilized **Bootstrap** for responsive design and **Python** for chatbot functionality, optimizing the user experience

### **Raythos Aerospace Web Platform**

[Source Code](#)

- Developed an innovative **web platform** using **ASP.NET, C# with MVC model**, and **HTML/CSS/JavaScript** to streamline aircraft manufacturing, from **customization** and **inventory management** to **real-time order tracking**.
- Implemented secure **user authentication**, a dynamic aircraft catalog, seamless ordering with **online payments**, and integrated logistics for efficient **on-time delivery**.

### **The Sugikaran Store E-commerce Web Application**

[Source Code](#)

- Developed an **E-commerce platform** using **Laravel 11**, featuring **user registration, email verification**, and secure payments through **Stripe** and **COD**.
- Implemented **multi-authentication** and a robust **database architecture** to enhance security and performance, ensuring a smooth user experience.
- Integrated essential functionalities, including **CRUD operations, toastr messages** for notifications, **image uploading, pagination**, and a secure **email handling** system.

### **NoteApp Using MERN Stack**

[Source Code](#)

- **Developed** a user-friendly **NoteApp** using the **MERN stack**, combining **React (with Vite), Node.js, Express.js**, and **MongoDB**. Incorporated **secure user authentication** with signup and login functionality, ensuring access control for registered users.
- **Implemented** complete **CRUD operations** (create, edit, delete, search) with real-time toast notifications powered by **React Toastify** for enhanced user experience. Designed a modern, responsive UI using **Tailwind CSS**.
- **Integrated** essential backend tools, including **bcrypt, jsonwebtoken**, and **mongoose**, to handle password encryption, secure sessions, and database interactions efficiently.

## REFERENCES

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Miss. Menisha Silva  
Branch Manager and Lecturer – IT at ESOF Metro Campus in Wattala  
0712049569    [menisha.silva@esoft.lk](mailto:menisha.silva@esoft.lk)

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