

# Samitha Randika Edirisinghe

Full-Stack Software Engineer

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LinkedIn | Portfolio | GitHub



## About me

I am a motivated and versatile undergraduate at **SLTC Research University**, pursuing a **BSc (Hons) in Software Engineering**, with a strong passion for **full-stack development** and building impactful digital solutions. With hands-on experience in **front-end, back-end, and mobile application development**, I specialize in creating **scalable, user-friendly, and performance-driven applications** using modern technologies such as **React, Next.js, Laravel, Node.js, and Flutter**.

I have completed **28+ freelance projects on Fiverr**, delivering **e-commerce platforms, real-time dashboards, and mobile apps** with a focus on client satisfaction. My background also spans **IT operations and multimedia production**, blending technical expertise with creativity.

Proficient in **API design, software architecture, UI/UX, and database management**, I thrive in **collaborative environments** and aim to deliver solutions that **enhance user experiences and create measurable impact**.

|                     |   |                             |
|---------------------|---|-----------------------------|
| • Name With Initial | : | E.D.S.R.Edirisinghe         |
| • Date Of Birth     | : | 17th April 2000             |
| • N.I.C Number      | : | 200010800178                |
| • Gender            | : | Male                        |
| • Civil Status      | : | Single                      |
| • Nationality       | : | Sri Lanka                   |
| • School            | : | St. Thomas' College, Matale |

## Education

|   |           |
|---|-----------|
| ✓ <b>GCE Ordinary Level</b>                 | 2016      |
| Index Number : 62175130                     |           |
| ✓ <b>GCE Advanced Level</b>                 | 2020      |
| Index Number : 3135939                      |           |
| ✓ <b>BSc (Hons) in Software Engineering</b> | 2022-2026 |
| SLTC Research University                    |           |

## Research Publications & Achievements

- 01
- Co-author: “GuardianEye: IoT-Enabled Smart Crowd Crime Monitoring System Using AI” — Best Presenter & Best Poster Award, AI/ML & Robotics Track, SLTC International Research Conference 2025

# Certifications & Courses

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|   |      |
|---|------|
| ✓ <b>Certificate in Software Development (Python)</b> | 2019 |
| Orbit Institute of Education                          |      |
| ✓ <b>Certificate in Web Design</b>                    | 2019 |
| Orbit Institute of Education                          |      |
| ✓ <b>Full-Stack Developer Online Course</b>           | 2024 |
| University of Moratuwa                                |      |

## Skills

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### 01 Programming Languages

- **Proficient** : Python, JavaScript (ES6+), Java, C++, C#, Dart, PHP
- **Web Technologies** : HTML5, CSS3

### 02 Front-End Development

- **Frameworks & Libraries** : React.js, Next.js, Angular
- **Styling & UI** : Tailwind CSS, Bootstrap, Material UI
- **Design Tools** : Webflow, Figma, Adobe XD
- **Principles** : Responsive Design, Web Design

### 03 Back-End Development & Web Architecture

- **Frameworks & Platform** : Node.js, Express.js, Laravel, Django, Ruby on Rails
- **API Development** : RESTful APIs
- **Design Patterns** : MVC
- **Architecture** : Web Applications, Web Architecture

### 04 Databases & Data Handling

- **Relational Databases** : MySQL, PostgreSQL
- **NoSQL Databases** : MongoDB
- **Cloud Databases** : Firebase Realtime Database, Firestore
- **IoT Data Platform** : ThingSpeak

### 05 Version Control & DevOps

- **Version Control** : Git, GitHub
- **CI/CD** : Basics
- **Containers & Orchestration** : Docker, Kubernetes
- **Cloud Platforms** : AWS (Basics)

### 06 Project & Workflow Management

- **Methodologies** : Agile, Scrum
- **Skills** : Project Planning, Organizational Skills

### 07 Computer Science Fundamentals

- **Core Concepts** : Software Architecture, Algorithms and Data Structures, Object-Oriented Programming
- **Practices** : Debugging, Performance Optimization

### 08 Soft Skills

- **Communication** : Excellent Verbal and Written Communication
- **Problem-Solving** : Critical Thinking, Attention to Detail
- **Work Ethic** : Time Management, Self-Motivation
- **Collaboration** : Team Collaboration, Adaptability

# Experience

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## 01 IT Administrator

2025–Present

**The Grand Mountain Hotel - Matale**

- Managed hotel IT systems, networks, hardware, and provided technical support to staff.
- Maintained software, backups, and resolved IT issues to ensure smooth daily operations.

## 02 Web Development Intern

Nov 2025 – Dec 2025

**Codveda Technologies India — Remote**

- Developed responsive websites and portfolio pages using HTML, CSS, and JavaScript.
- Built interactive UI features and completed tasks using Flexbox, Grid, and JavaScript.
- Worked on full-stack components including CRUD functions and API development with Node.js/Express.

## 03 Computer Operator

2021–2022

**Development Lotteries Board - Matale**

- Managed daily IT operations, performing data entry, document management, and basic system maintenance.
- Troubleshoot hardware/software issues and streamlined digital filing processes, improving office efficiency and reducing downtime.

## 04 Freelance Full-Stack Developer

2019–Present

**Fiverr**

- Completed 28+ client projects on Fiverr, delivering custom web and mobile solutions (e.g. e commerce sites, dashboards, Flutter apps) using technologies like Laravel, React, Next.js, and Firebase.
- Collaborated with clients to gather requirements and provide updates, ensuring clear communication and high customer satisfaction.

# Projects

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## 01 Police Crowd Crime Monitoring System (GuardianEye)

- **Description :** Real-time crime detection using YOLOv5 & CNN (89% accuracy) with GPS-based police alert.

## 02 Home Infrastructure Cost Management System (HUCM)

- **Description :** Created a web application to visualize household utility usage, providing dashboards and cost-saving insights for users.

## 03 ASK Media Group (DAN TV Website)

- **Description:** Designed and developed a media website with content management features and responsive design to enhance user engagement.

## 04 LethalBots Event Website

- **Description:** Built a promotional site for a tech event, incorporating registration forms and interactive features to attract attendees.

# Reference

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**Mr. Thusitha Nirnanjan**

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BSE (OUSL), B.Tic Dip. (OUSL), NDICT, SCIP  
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