

# 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

✓ GCE Ordinary Level	2019
Index Number : 62175130	
✓ GCE Advanced Level	2020
Index Number : 3135939	
✓ BSc (Hons) in Software Engineering	2022-2026
SLTC Research University	

# Certifications & Courses

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✓ <b>Certificate in Software Engineering</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 Computer Operator

2021–2022

### Development Lotteries Board

- 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.

## 02 Production Designer

2019–Present

### SIGO Films (Sri Lanka)

- Developed visual designs and multimedia assets for film and video productions, including storyboards, graphics, and set elements, using Adobe Creative Suite.
- Worked closely with directors and cinematographers to align designs with creative vision, meeting project deadlines in a fast-paced environment.

## 03 Freelance Full-Stack Developer

2019–Present

### Freelance Full-Stack Developer

- 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 Niranjan

Software Engineer and a Project Manager  
BSE (OUSL), B.Tic Dip. (OUSL), NDICT, SCIP  
Phone: +94 78 3 756 656

### Dr. Lakshitha Pahalagedara

Dean, Faculty of Postgraduate Studies and Research  
Head, International Affairs and Grants  
Sri Lanka Technology Campus  
Phone: +94 76 880 8866

I hereby certify that the information contained in this CV is true and accurate to the best of my knowledge. I understand that any false information may disqualify me from consideration for employment.

  
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Signature