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.

Beyond academics, I have delivered 28+ freelance projects on Fiverr, ranging from e-commerce platforms to real-time dashboards and mobile apps, ensuring client satisfaction through effective communication and tailored solutions. My professional journey also includes roles in IT operations and multimedia production, giving me a unique edge in blending technical expertise with creativity and problem-solving.

Skilled in API design, software architecture, UI/UX design, and database management, I thrive in collaborative environments and continuously adapt to emerging tools and frameworks. My goal is to leverage technology to craft solutions that not only function efficiently but also 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

☑ **Certificate in Software Engineering** 2019
Orbit Institute of Education

☑ **Certificate in Web Design** 2019
Orbit Institute of Education

☑ **Full-Stack Developer Online Course** 2024
University of Moratuwa

Skills

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

01 Computer Operator   2021–2022

DLB (Sri Lanka)

- Managed daily IT operations, performing data entry, document management, and basic system maintenance.
- Troubleshot 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

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

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 myknowledge. I understand that any false information may disqualify me from consideration for employment.

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Signature