

# NIROSH EDIRISINGHE

## Associate Software Engineer

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### PROFILE

I am an ICT (Honors) undergraduate at Rajarata University of Sri Lanka, having completed my academic coursework, with hands-on experience in full-stack web development using HTML, CSS, JavaScript, and modern frameworks. I focus on building clean, maintainable, and high-performance solutions while following best software development practices. I am a strong problem solver who works well in collaborative environments and am seeking an Associate Software Engineer role to contribute to software development projects and apply my technical skills in a professional setting.

### PROFESSIONAL EXPERIENCE

**Software Engineering Intern, eSupport Technologies (Pvt) Ltd** May 2025 - Nov 2025

- Developed and maintained 5+ full-stack web applications using React.js and Laravel.
- Built responsive and user-friendly UI interfaces using Material-UI and Tailwind CSS.
- Executed backend logic, integrated RESTful APIs, and managed MySQL databases.
- Collaborated with cross-functional teams, applying strong time management, problem-solving, and communication skills to deliver features within project timelines.

### EDUCATION

**Bachelor of Information and Communication Technology (Hons)** 2021 - 2025

Rajarata University of Sri Lanka

- Current GPA: 3.5+

**G.C.E. Advanced Level**

2019

Sir John Kothalawala Central College Dodangaslanda

- Technology Stream

### SKILLS

#### TECHNICAL SKILLS

- Programming Languages : Python, Java, JavaScript, TypeScript, PHP
- Frontend : HTML5, CSS3, React.js, Next.js, Tailwind CSS, Bootstrap, Material-UI
- Backend : Node.js, Express.js, Laravel
- Mobile Development: React Native
- Databases : MySQL, MongoDB, PostgreSQL
- Version Control : Git, GitHub
- APIs & Security : RESTful APIs, JWT, Sanctum
- Testing & Debugging: Postman, Jest, Chrome DevTools, PHPUnit
- DevOps & Tools : Docker, Jenkins, Basic CI/CD concepts, VS Code, NPM, XAMPP
- Design & Prototyping: Figma

#### SOFT SKILLS

- |                            |                                      |
|----------------------------|--------------------------------------|
| • Communication Skills     | • Time Management                    |
| • Problem-Solving          | • Attention to Detail                |
| • Teamwork & Collaboration | • Adaptability & Continuous Learning |

## COURSES & CERTIFICATIONS

• Server-side Web Programming   University of Moratuwa	Sep 2025
• Postman API Fundamentals Student Expert   Postman	Jun 2025
• Front-End Web Development   University of Moratuwa	Mar 2025
• HTML, CSS, Java & JavaScript programming   Udemy	Dec 2024
• Introduction to DevOps Tools   Simplilearn	Jan 2025
• Python for Beginners   University of Moratuwa	Jan 2025

## RESEARCH

**Machine learning based approach for rice leaf diseases prediction using weather and Soil quality based on the Anuradhapura area.** Feb - Nov 2025

Rajarata University of Sri Lanka

This research applies LSTM-based machine learning models to predict rice leaf disease risk using historical weather and soil data. The study supports early disease detection and data-driven decision-making for sustainable rice cultivation in Sri Lanka.

## PROJECTS

### Doctor Appointment Booking System [🔗](#)

Sep- Oct 2025

Designed and engineered a secure web-based system to streamline healthcare appointment scheduling, addressing challenges in managing appointments for patients, doctors, and admins.

- Designed role-based access control and JWT authentication for data security.
- Built a high-performance, scalable, and responsive application using MERN stack.
- Focused on maintainable code and modern UI/UX following best development practices.
- Tech Stack: MERN (React.js, Node.js, Express.js, MongoDB) | Tailwind CSS | JWT Authentication

### AI SaaS Application [🔗](#)

Jul - Aug 2025

Identified the need for efficient AI-powered content and image tools in real-world scenarios and developed a secure, scalable SaaS platform with subscription-based billing.

- Built AI tools: Article & Blog Title Generators (Gemini API), Image Tools (Clipdrop API), and Resume Analyzer.
- Configured secure authentication (Clerk), Stripe billing, and optimized media storage (Cloudinary).
- Tech Stack: PERN (PostgreSQL, Express, React, Node.js) | Tailwind CSS

### AI News Voice Assistant [🔗](#)

Jun - Nov 2024

Addressed the need for accessible, hands-free news consumption by developing a voice-controlled news platform for visually impaired users.

- Embedded Alan AI for voice interactions and implemented news filtering by category, timeframe, and source using news APIs.
- Delivered a fast, responsive interface with personalized news delivery.
- Tech Stack: React.js, CSS, Alan AI API

## WEBSITES & SOCIAL LINKS

[🔗](#) GitHub

[🔗](#) Portfolio

## REFERENCES

Mr. Husni Mohamed(Lecturer)

Ms.Malki Jayawardhana (Lecturer)

Faculty of Technology | RUSL

Faculty of Technology | RUSL

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