

# Yasela Dissanayake

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[in Yasela Dissanayake](#) [@ YaselaD](#)

## Professional Summary

Motivated Fullstack Developer experienced in React, Node.js, and database-driven applications. Skilled in solving real-world problems using C, Java, and Python, with growing expertise in AI and Web3 technologies. Passionate about learning, building scalable systems, and contributing to impactful projects.

## Experience

### **Eyepax Labs Pvt Ltd**, Intern Software Engineer

Sri Lanka  
Sep 2025 – Present

- Worked on backend APIs, integrations, and webhook-driven workflows
- Collaborated on production systems involving automation and AI-assisted logic

### **Visual Science UK Ltd**, Fullstack Web Developer

Leeds, UK  
May 2023 – Jul 2025

- Contributed to real-world web applications as part of a professional development team
- Developed and maintained interactive, SEO-optimized WordPress websites
- Ensured mobile-first design principles and improved website performance

### **SprintCode Labs**, Frontend Developer

Sri Lanka  
Sep 2023 – Apr 2024

- Built dynamic, responsive web interfaces using ReactJS and TypeScript
- Created reusable, modular components with a focus on performance and scalability
- Collaborated with backend teams to integrate APIs and deliver seamless functionalities

## Technical Skills

- Frontend Development:** ReactJS, Next.js, Tailwind CSS, Bootstrap, HTML5, CSS3, JavaScript, TypeScript
- Backend Development:** Node.js, Express.js, Java(Spring Boot), Go
- Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript
- Version Control & CI/CD:** Git, GitHub, Docker
- Blockchain (Exposure):** Solidity, Smart Contracts, Ethereum, IPFS, Hardhat, Ethers.js, Web3.js, Metamask Integration
- Databases:** MySQL, PostgreSQL
- UI/UX Tools:** Figma
- Areas of Interest:** Artificial Intelligence (AI), Machine Learning (ML)

## Featured Projects

### **Hybrid Blockchain-AI Framework for Document Management**

- Designing a decentralized document verification platform using React, Node.js, Solidity, IPFS, and Metamask, ensuring tamper-proof document management for sensitive data.
- Adding seamless off-chain encryption and storage of sensitive academic data using IPFS, ensured verifiable hashes are linked on-chain for authenticity.
- Integrated an AI-powered assistant using LangGraph with a RAG pipeline to enable intelligent natural language querying and automated compliance checks across

academic and blockchain datasets.

### **MaternityCare Web Application**

MaternityCare 

- Built responsive, user-centric interfaces with React and Tailwind CSS, improving performance and usability for maternal health data tracking.
- Collaborated with backend developers to ensure robust API integration.

## **Volunteering & Leadership**

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### **General Volunteer and Community Lead**, STEMUP Educational Foundation

2024 – Present

- Manage volunteers and sessions in a volunteering center

### **Junior Treasurer**, Computer Society, University of Peradeniya

2024 – Present

- Responsible for assisting in the financial management of society activities.

### **Student Volunteer**, VACD - Volunteers to Assist Children with Disabilities

2018 – Present

- Collaborated with a team to support children with disabilities through educational and recreational activities.

### **Lead Web Developer**, Concept Pera Student Society

2023 – 2024

- Designed and maintained the society's website to enhance digital engagement

### **Junior Web Master**, Computer Society, University of Peradeniya

2023 – 2024

- Supported various tech events with web-related solutions

## **Hackathons & Achievements**

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- **Manthra 2023 - Capture the Flag (IEEE NSBM)**: 6th Place
- **Data Science Mini Hackathon 2023 (Stat Circle UOC)**: Top 15
- **Bashaway 2023 (SLIIT)**: 17th Place

## **Certificates**

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- React – The Complete Guide (Udemy)
- Introduction to Front-End Development (Coursera)
- Blockchain Specialization (Coursera)

## **Education**

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### **B.Sc(Hons) Undergraduate at University of Peradeniya** , Computer Science

2021 – Present

- GPA: 3.69
- **Focus:** Web Development, Blockchain Technology, Artificial Intelligence

### **GCE(AL) Badulla Central College** , Physical Science Stream

2017 – 2019

- Combined Mathematics: A, Chemistry: B, Physics: C

## **Writing and Blog**

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- Medium Blog: <https://medium.com/@yaselaD> 
- Topics: Web Development, Blockchain, AI