

# Aruna Wijesinghe

SOFTWARE ENGINEER | FULL-STACK DEVELOPER

Colombo, Sri Lanka

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## Profile Summary

Software Engineer with a Bachelor's degree in Information Technology specialising in Software Engineering. Skilled in building web-based applications and backend systems using Node.js, Next.js, React.js, MongoDB, and Firebase.

Experienced in developing scalable, low-latency solutions for IoT communication and integrating third-party APIs. Knowledgeable in RESTful APIs, database management (MySQL, MongoDB), and authentication tools like JWT and OAuth. Eager to learn and apply modern technologies, including AI, to create innovative and sustainable solutions. Strong in problem-solving, teamwork, and adapting to dynamic environments. Committed to continuous growth and contributing to organizational success.

## Work Experience

### Trainee Software Engineer

Hashbaze. Colombo, Sri Lanka.

Jan 2024 - Aug 2024

- Developed web-based applications for clients. Focused on backend development with additional experience in frontend tasks.
- Proficient in technologies including Node.js, Next.js, React.js with Redux, MongoDB, and Firebase.

### Software Engineer Intern

The Embryo, SLT R&D. Colombo, Sri Lanka.

Jun 2023 - Dec 2023

- Contributed to web application projects for a technology company. Designed and built low-latency solutions for IoT device communication.
- Utilized technologies such as Next.js, Node.js, MySQL, and MQTT Protocol.

## Education

### BSc (Hons) in Information Technology Specialising in Software Engineering

Sri Lanka Institute of Information Technology (SLIIT), Colombo, Sri Lanka.

Sep 2020 - Sep 2024

## Core Competencies

- Node.js, Express.js
- Next.js
- React.js, ES6
- MySQL, MongoDB
- REST APIs
- Git
- JavaScript, TypeScript
- AI & ML
- UI/UX, Figma
- Docker, CI/CD (Jenkins)
- Java, Spring Boot
- AWS
- Mobile (Java, Kotlin)
- HTML, CSS, Tailwind
- Linux

## Projects

### Creative practice and portfolio platform

2025

SkilVerse

Developed a platform for designers to create designs using briefs, display their portfolios, and connect with clients. Added features like chat, reactions to designs, and a community forum for knowledge sharing. Future AI/ML features planned for automated brief generation.

Technologies Used:

- Backend: Node.js, Express.js, JWT, MongoDB
- Frontend: React.js, Tailwind CSS
- Other: Docker, Git
- UI/UX: Figma

### Online Store for Computer Shop

2024

Cyber Space

Built an e-commerce platform to help a computer shop manage its operations efficiently. The platform includes an admin panel, product inventory management, and user authentication.

Technologies Used:

- Backend: Node.js Express.js, JWT
- Frontend: Next.js, Redux
- Database: MongoDB

### Tea Factory Management System

2023

Developed a web-based system to optimize tea factory operations. The system simplifies inventory management and process tracking with a user-friendly interface for staff and managers.

Technologies Used:

- Backend: Node.js, Express.js, JWT Authentication
- Frontend: React.js
- Database: MongoDB

### Online Staff Management System

2023

Developed a web application to manage staff information and workflows. Focused on the Leave Management System, implementing full CRUD functionality with seamless front-end and back-end integration.

Technologies Used:

- Backend: Java, Servlets, JSP
- Frontend: HTML, CSS
- Database: MySQL

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## Additional Information

Language: English

Notice Period: Immediate / 1 Month Notice