Harsha Samarasinghe

Intern Software Engineer | Full Stack Developer | MERN Stack

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Portfolio: harshasamarasinghe.github.io

PROFESSIONAL SUMMARY

Motivated and adaptable **Software Engineering Undergraduate** with strong experience in **full-stack development, mobile app development (React Native), REST API development, and UI/UX design**. Proven track record of building dynamic applications using **MERN, Java, PHP, and MySQL**. Skilled in Agile teamwork, problem-solving, and delivering responsive and scalable solutions. Seeking **Software Engineering Internship** to apply engineering principles in real-world projects..

EDUCATION

Sri Lanka Institute of Information Technology(SLIIT)

BSc (Hons) in Information Technology Specialized in Software Engineering

May 2023 – Present

Kegalu Vidyalaya, Kegalle

G.C.E. A/L Biological Science Stream – 3S passes (2022)

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, C++, PHP

Frameworks: React, Next.js, Node.js, Express.js, React Native

Frontend: HTML, CSS, Tailwind, Chakra UI, Shadcn UI, Bootstrap

Backend & APIs: REST APIs, MVC Architecture, JWT Auth, CRUD Operations

Databases: MySQL, MongoDB

Tools: Git, GitHub, VS Code, IntelliJ IDEA, Postman, Figma

Concepts: OOP, Data Structures, Agile Scrum, Cloud (Beginner)

PROJECTS EXPERIENCE

SavendraGardens – Hotel Reservation System(PHP & MySQL)

- Complete room booking system with **admin panel, CRUD, notifications**
- Built responsive UI & contact module with email functionality
- Tech: **PHP, MySQL, HTML, CSS, JavaScript**

ScholaHub – Online School Information Management System

- Developed secure Java-based SIMS with **role-based login & data management**
- Added **PDF export, notice management, student/teacher/admin modules**
- Tech: **Java, Servlets/JSP, Tomcat, MySQL**

SportsZaga – Sports Equipment Store (MERN Stack)

- Built full-stack rental platform with **rental, reviews, repair & customization requests**
- Implemented **JWT authentication, admin dashboard, responsive UI**
- Designed reusable React components for enhanced UX
- Tech: **MongoDB, Express, React, Node, JWT, Tailwind**

SkillUp – React Native Mobile App

- Mobile app for **skill sharing, job recommendations & QR-based certificates**
- Features: **AI CV analysis, Google Login, Maps-based job search, certificate scan**
- Optimized for performance on multiple Android devices
- Tech: **React Native, Convex, Clerk Auth, Web Scraping APIs, Google Map APIs, Gemini APIs**

CORE COMPETENCIES

- Full-Stack Development • Mobile App Development • REST API Development
  Agile Scrum • UI/UX Development • Git Version Control
  System Design • Debugging & Testing • Problem-Solving

EXTRACURRICULAR ACTIVITIES

- Member, SLIIT FOSS Community (June 2025 – Present)

SOFT SKILLS

- Problem Solving
- Team Collaboration
- Communication & Presentation
- Time Management
- Research & Analytical Thinking
- Creativity and Adaptability

REFERENCES

H.M.Chathurika Rathnayake
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