

# SINTHUJAN SIVESWARAN

IT & Management Undergraduate

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## Summary

Passionate software developer and third-year IT undergraduate skilled in building full-stack applications enhanced with AI capabilities. Proficient in modern cloud and DevOps practices for creating scalable systems. Seeking to apply a strong technical foundation and problem-solving abilities to innovate and deliver impactful software solutions.

## Education

<b>BSc (Hons.) in Information Technology and Management</b> University of Moratuwa	2023–Present
<b>GCE Advanced Level (Commerce)</b> R.K.M Sri Koneswara Hindu College, Trincomalee (Achieved 3A passes in Commerce stream)	2013–2022

## Technical Skills

**Programming Languages:** Python, Java, C, JavaScript, PHP  
**Frameworks & Libraries:** React, Next.js, Node.js, Ballerina, Flask, Laravel  
**Databases:** MongoDB, MySQL, MS SQL  
**Dev Tools:** Git/GitHub, Jupyter Notebook, VS Code, REST APIs  
**Languages:** English, Tamil (Native), Sinhala

## Projects

### ScholarShare – Collaborative Research-Sharing Platform



- Developed user dashboard with research paper viewing, download functionality, and wishlist features
- Implemented review and rating system for academic papers
- Created user profile management with analytics and paper tracking
- **Tools Used:** Next.js, TypeScript, MongoDB, Tailwind CSS, OAuth, Vercel

### MindCue – Weather & Location-Based Activity & Music Recommendations



- Implemented real-time weather and mood-based recommendations with AI-generated suggestions
- Developed interactive UI components with React.js
- Integrated backend services in Ballerina for weather, news, and Spotify APIs
- **Tools Used:** Ballerina, React.js, Weather API, Spotify API, NewsData.io, Gemini API


### Student Management System – Laravel Web App



- Implemented CRUD operations for students, teachers, courses, batches, and enrollments
- Implemented secure authentication with role-based access control and data validation

- Designed responsive UI with Blade templates for all management functions
- **Tools Used:** Laravel, PHP, MySQL, Blade, HTML, CSS, JavaScript, Git

#### LocalHands – Mobile Platform for Local Service Providers

 Ongoing

- Developing mobile app to connect customers with verified local service providers
- Enabling service providers to create profiles and manage availability
- Integrating AI-driven matching, automated ads, and chatbot features
- Implementing JWT authentication, in-app chat, and real-time notifications
- **Tools Used:** Flutter, Node.js, PostgreSQL, Firebase, Google Maps API, REST API

## Courses & Certifications

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- 🌟 **Developing AI Applications with Python and Flask** – IBM, Coursera
- 🌟 **Introduction to Cloud Computing** – IBM, Coursera
- 🌟 **Introduction to DevOps** – IBM, Coursera
- 🌟 **Generative AI: Elevate your Software Development Career-** IBM, Coursera
- 🌟 **Flutter and Dart: Developing iOS, Android, and Mobile Apps** – IBM, Coursera