

Tharindu randika

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SUMMARY

Software Engineering undergraduate at IJSE with strong analytical skills and programming experience. Seeking internship opportunities to apply technical knowledge and prove development capabilities in real-world projects. Committed to writing clean code and contributing effectively to team environments.

SKILLS

Technical Skills

- **Languages:** Java, Python, JavaScript, TypeScript, HTML, CSS
- **Frameworks & Libraries:** React, React Native, NativeWind, Spring Boot, Node.js, Express.js, Matplotlib
- **Databases & Cloud:** MongoDB, MySQL, Firebase
- **Tools & Environments:** IntelliJ IDEA, VS Code, Postman, Android Studio, Figma, Git, GitHub
- **Operating Systems & Workflow:** Arch Linux (Hyperland + End4 dotfiles), prior experience with Linux Mint and Pop!_OS
- **Mobile Development:** Cross-platform mobile apps using React Native with Firebase integration

Soft Skills

- Leadership & Teamwork
- Management skills
- Problem solving
- Project Management
- Time Management
- Collaboration
- Good communication & presentation skills

PROJECT EXPERIENCE

1. Full-Stack Library Management System – Book Club App

| Aug 2025 – Aug 2025

Tech Stack: React • TypeScript • Tailwind CSS • Node.js • MongoDB • JWT • Cloudinary • Nodemailer

- Implemented JWT-based authentication to secure user access and protect API routes.
- Integrated real-time email notifications for book due dates, reservations, and system updates.
- Designed a modern, responsive UI with intuitive navigation to enhance user experience.
- Streamlined workflows, reducing message latency and improving system efficiency.

2. AI Code Review Bot – Automated Pull Request Reviewer with Gemini AI | Sep 2025 – Oct 2025

Tech Stack: Node.js • GitHub Actions • FastAPI • Python • Google Gemini 2.5 Flash API • Octokit (GitHub REST SDK) • JSON • REST API

- Developed an AI-powered GitHub bot that automatically reviews pull requests using Google Gemini 2.5 Flash.
- Implemented Node.js automation to fetch diffs, analyze code quality, and post AI feedback directly on PRs.
- Integrated Google's Generative Language API for natural-language code analysis and suggestions.
- Built a FastAPI microservice for local model testing and fallback review generation.
- Deployed as a GitHub Action, enabling fully automated review workflows on new or updated PRs.
- Strengthened understanding of API integration, CI/CD pipelines, and automation in real-world GitHub environments.

3. SkillSphere – Online Course Platform (In Progress)

| Jul 2025 – Present

Tech Stack: Spring Boot • MySQL • Hibernate • Java • BCrypt • HTML • CSS • JavaScript • jQuery

- Maven

- Developed a RESTful backend with Spring Boot for user authentication, course catalog, and enrollment.
- Designed a responsive frontend using HTML/CSS and JavaScript for user interaction.
- Created dual dashboards for instructors to manage courses and students to enroll.
- Added profile settings for enhanced personalization.
- Integrated frontend with backend APIs for smooth navigation.
- Produced a demo video showcasing the project's functionality (YouTube link included).

4. Dating App – Mobile Application (In Progress)

| Sep 2025 – Present

Tech Stack: React Native • Firebase (Firestore, Authentication, Storage) • Expo • NativeWind

- Cloud Messaging

- Designed and developed a cross-platform mobile dating app with a modern, responsive UI using React Native and NativeWind.
- Implemented Firebase Authentication for secure user sign-up, login, and real-time profile management.
- Built a Firestore-backed chat system with push notifications for seamless user communication.
- Integrated Firebase Storage to handle profile images and media uploads.
- Planned implementation of swipe-based matching and recommendation features to enhance user engagement.
- Upcoming premium features include subscription tiers, advanced filters, and enhanced privacy controls.

EDUCATION

Undergraduate Bsc (Hons) Computer Science in Software Engineering

| Sep 2023 – Present

Institute of Software Engineering

- Specialization in Software Engineering & Development

G.C.E Advanced Level

| Aug 2019 – Jan 2023

Gnanodaya Maha Vidyalaya

- Specialization in Physical Science Stream With ICT

PARTICIPATIONS

• Inovesta '24

Team Project, Institute of Software Engineering (IJSE); awarded 2st place for Best Project.

LANGUAGE

- Sinhala: Native
- English: Intermediate (reading & listening), Basic (speaking)

REFERENCES

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