Kanchana Koralage

Full Stack Developer Intern

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GitHub - Kanchana Koralage

PROFESSIONAL SUMMARY

Final-year IT undergraduate at SLIIT with hands-on experience in MERN stack, React Native, and Spring Boot. Completed multiple solo projects and online certifications. Passionate about full-stack development, self-learning, and building scalable applications. Actively seeking an internship to gain real-world industry experience and contribute to a dynamic software development team.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Java, Kotlin, Python, SQL, HTML, CSS
- **Frameworks & Libraries:** React, React Native, Node.js, Express.js, Spring Boot
- **Databases:** MongoDB, MySQL, SQLite
- **Tools & Platforms:** GitHub, GitLab, Bitbucket, Jenkins, Docker, Google Cloud Platform, Postman, Figma, SonarQube, Trello
- **IDE:** Visual Studio Code, IntelliJ IDEA, Eclipse, Android Studio
- **Testing:** JUnit, Postman, Selenium
- **Concepts:** RESTful APIs, OOP, MVC, Data Structures and Algorithms, CI/CD with Jenkins and Docker, Microservices

SOFT SKILLS

- Teamwork
- Leadership
- Communication
- Problem-solving
- Creativity
- Adaptability
- Time Management

EDUCATION

Sri Lanka Institute of Information Technology - SLIIT Oct 2022 - Present
BSc (Hons) in Information Technology

Ananda Central Collage - Elpitiya May 2017 - 2019
Advanced level (AL)

PROJECTS

Book Store Mobile App using React Native   *GitHub Repository*

- A mobile app where users can sign up, log in, and share book recommendations. Users can add, edit, or delete book posts with images and ratings.
- Tech Stack: React Native, React.js, Node.js, MongoDB

Social Media Application   *GitHub Repository*

- Developed a responsive full-stack social media platform with secure JWT-based authentication, Google OAuth2 login, and real-time messaging using WebSockets. Implemented core features such as post creation/editing, comments, likes, shares, follow/unfollow functionality, and real-time notifications. Designed RESTful APIs with Spring Boot and managed the frontend using React and Tailwind CSS for a modern, mobile-friendly UI. Integrated MySQL for persistent storage and ensured secure data flow through role-based access and token-based authorization.
- Tech Stack: Java Spring Boot, React.js, MySQL, JWT, OAuth2,WebSocket, Tailwind CSS

Task Management WebApp   *GitHub Repository*

- A full-stack web application built to streamline team task assignment, tracking, and management. Designed with a responsive UI and secure role-based access for both users and admins, it enhances collaboration and productivity across all devices. Users can login and signup with their google account (OAuth 2.0) And Users can generate documents as well.
- Tech Stack: MERN Stack, Google Cloud Console, Multer

Library management system   *GitHub Repository*

- This is my recently created full-stack web application that allows users to manage a digital library efficiently. Features include user authentication, book search, CRUD operations for books, image uploads, and a responsive UI. Built using the MERN stack with Cloudinary for image storage.
- Tools Used: MERN Stack (MongoDB, Express.js, React, Node.js) , Cloudinary, Tailwind css.

Prison management system   *GitHub Repository*

- In my 2nd year university project, I created a web application using the MERN stack. The purpose of this web application is to manage prison inmates and other inventories efficiently.
- Tools Used: MERN Stack (MongoDB, Express.js, React, Node.js)

Brick Brecker game app -   *GitHub Repository*

- In my 2nd year university project, I also created a Mobile Game Application using kotlin language in android studio.
- Tools Used: Kotlin

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate **-** ⚒ *Oracle Certificate*
- Git with GitLab and BitBucket **-** ⚒ *Learnkarts Certificate*
- Back-End Development with .NET **-** ⚒ *Microsoft Certificate*
- Introduction to Programming With C# **-** ⚒ *Microsoft Certificate*
- Foundations of Coding Full-Stack **-** ⚒ *Microsoft Certificate*
- Learn DevOps: CI/CD with Jenkins using Pipelines and Docker ⚒ *Udemy Certificate*

- AWS Project - 🔗 *Great Learning Certificate*
- View All My Certifications - 🔗 *OneDrive Link*

REFERENCES

S.M.B Harshanath

Senior Lecture at SLIIT

Faculty of computing (SLIIT)

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