GAYASRI PETHUM

UNDERGRADUATE-BSC(HONS) INFORMATION TECHNOLOGY

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🐙 **Gayasri72**   **GayasriPethum**   **in GayasriPethum**

PROFILE SUMMARY

Motivated Fullstack Developer and DevOps Enthusiast with hands-on experience in JavaScript, React, Node.js, MongoDB, Express.js (MERN Stack), Java, and Spring Boot. Skilled in frontend and backend development, RESTful API design, database management, and DevOps concepts including version control, CI/CD, and containerization. Passionate about building scalable web applications and improving software deployment pipelines. Actively seeking an internship or entry-level role to apply technical skills, contribute to real-world projects, and grow in a collaborative, fast-paced environment.

SKILLS

Programming Languages: Javascript**,** Java,
Frameworks & libraries: Express js, spring, React.js
Tools: Git/Github, Docker, Kubernetes,Terraform, Grafana,Jenikis,Selenium

PROJECTS

Tour Package web application|MERN |Fullstack
Jan 2025-Jan 2025

- Developed a full-stack web application for finding and booking predefined tour packages.
- Designed a custom tour planning feature using Dijkstra's algorithm to optimize user-preferred itineraries.
- Implemented user and admin functionalities with modern authentication using JWT and OAuth 2.0.
- Integrated payment gateways for seamless transactions.
- Built a responsive UI using React.js and Tailwind CSS.

Fitness social media web app|Spring boot & react.js|Fullstack
Jan 2025-Jan 2025

- Developed a social media platform for fitness enthusiasts with post sharing, likes, comments, and friend management.
- Provide secure authentication and authorization using JWT and OAuth 2.0.
- Created a responsive and user-friendly interface using React.js and Tailwind CSS.

Recipe web app|Javascript

- Built a web app to render recipes from third-party APIs, allow users to save preferences, and bookmark favorites using local storage.
- Applied MVC architecture, user stories, and flowcharts to plan and structure the project.
- Executed asynchronous data fetching, publisher-subscriber event handling, and DOM updating algorithms for performance optimization.
- Enhanced error handling and data persistence for a better user experience.

EDUCATION

B.Sc(Hons)Information Technology
Jun 2022-Jun 2026

Sri Lanka Institute of Information Technology| **Specialization**:Information Technology

WGPA:2.8

CERTIFICATES

Node Js & Backend Development
Credential ID:UC-3442492a-8f3d-4a2e-b853-8c62b6e67ca2

Javascript
Credential ID:UC-dab31557-aa43-47eb-b536-843f118ec3ea

Docker & Kubernetes
Credential ID:UC-eea72472-3362-4fea-a810-fdb45061d5c6

ADDITIONAL INFORMATION

Languages: English, Sinhala