Methush Anjula

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PROFILE SUMMARY

3rd-year Software Engineering undergraduate skilled in developing scalable web applications with Spring Boot and the MERN Stack. Passionate about backend development, UI/UX design, and creating impactful digital experiences. Currently a Video Editor at the Microsoft Club of SLIIT, combining creativity and technology to deliver engaging content while continuously learning and growing in modern software development.

EDUCATION

2022 - Present	**BSc (Hons) in Software Engineering** Sri Lanka Institute of Information Technology, Malabe
2022	**Diploma of Higher Education in English Language** ST Anthony's Institute Of Higher Studies, Chilaw
2019 - 2021	**G.C.E Advanced Level (SFT, Engineering Technology, Information Technology)** Medagama Abhaya Model School, Chilaw
2013 - 2018	**G.C.E Ordinary Level (Mathematics, English, Science, etc.)** St. Mary's College, Chilaw

PROJECTS

Role-Based Food Ordering System (Microservices Architecture) — Academic Project | Y3S1

- Developed as part of a 4-member team using MongoDB, Docker, and TypeScript on the backend, and Vite with Tailwind CSS, Context API, and Framer Motion on the frontend.
- Implemented JWT-based authentication and email verification to ensure secure user onboarding.
- Designed role-based dashboards for Customer, Restaurant Admin, Delivery Agent, and Super Admin using the `isAdmin` attribute.
- Built an Admin Dashboard to manage users and orders, integrated charts for user data visualization, and configured email communication between services.

ECOWASTE - Full Stack Mobile Application — Academic Project | Y3S2

- Full-stack React Native e-waste management application developed with a team.
- **My Responsibility:** Led development of Tips & Resources section with AI-powered recommendations and NLP-based advanced search functionality.
- **Tips & Resources Section:** Designed AI-powered smart recommendation engine delivering personalized eco-friendly guidance with advanced NLP-based search capabilities.
- Implemented category-based filtering and interactive content management for enhanced user engagement and discoverability of sustainability tips.
- **Technologies:** React Native, Expo, TypeScript, Redux Toolkit, NativeWind, Node.js, Express.js, MongoDB, JWT

Amazing World : Interactive Country Explorer — Personal Project | 2025

- Built a fully responsive React app using REST Countries API, Pexels API, and localStorage-based authentication.
- Integrated Redux for state management and Framer Motion for smooth UI animations.
- Added registration, login, pagination, search, and region/language filtering features.
- Deployed on Netlify for continuous accessibility.
- **Live Site:** amazing-worlds.netlify.app
  GitHub: github.com/MethZ0/react-rest-countries-explorer

NextFrame : Movie Info Explorer   Personal Project | 2025

- A React-based movie details platform built with TMDB API, Vite, Tailwind CSS, and Framer Motion.
- Implemented dynamic routing using React Router and smooth animations for user interactivity.
- Designed a clean, mobile-first UI for responsive viewing.
- **Live Site:** nextframe.netlify.app

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, Java, SQL, Python
Frameworks & Libraries	Spring Boot, Next.js, React.js
Web Technologies	Tailwind CSS, RESTful APIs, Microservices
Database Systems	MySQL, MongoDB, Oracle DB
Cloud & DevOps	Docker, Kubernetes, CI/CD, GitHub Actions
Version Control	GitHub, Git
Testing	JUnit, API testing (Postman, Swagger), Jest
Data Structures & Algorithms	Advanced problem-solving and optimization techniques
Creative Skills	Graphic Designing, Video Editing, 3D Environment Design, Animation

EXTRA-CURRICULAR ACTIVITIES

- Video Editor SLIIT Microsoft Club (2025)
- VFX Department Head SLIIT Gaming Community (2024 - Present)
- Co-Editor SLIIT Gaming Community (2023 - 2024)
- Member SLIIT Table Tennis Club

REFERENCES

Shehan Chandrasekara   **Umeshi Rabel**

Senior Technical Escalation Specialist IFS UK   Visiting Lecturer in English SLIIT

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