

# Methush Anjula

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## PROFESSIONAL SUMMARY

Final-year Software Engineering student with hands-on experience building full-stack applications using Spring Boot, MERN Stack, and microservices architecture. Proficient in TypeScript, React.js, and MongoDB with expertise in implementing JWT authentication, RESTful APIs, and Docker containerization. Experienced in collaborating within agile teams and delivering user-centric solutions. Currently serving as Developer at SLIIT Microsoft Club, leveraging technical and creative skills to produce engaging digital content.

## TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Java, Python, SQL
Frontend	React.js, Next.js, React Native, Redux/Context API, Tailwind CSS, Framer Motion
Backend	Spring Boot, Node.js, Express.js, RESTful APIs, Microservices Architecture
Databases	MongoDB, MySQL, Oracle DB
DevOps & Cloud	Docker, Kubernetes, CI/CD, GitHub Actions
Tools & Testing	Git/GitHub, Postman, Swagger, JUnit, Jest
Specializations	Data Structures & Algorithms, System Design, Authentication (JWT), NLP Integration

## PROJECTS

Role-Based Food Ordering System (Microservices Architecture)

Academic Project | Y3S1

- **Tech Stack:** TypeScript, MongoDB, Docker, Vite, Tailwind CSS, Context API, Framer Motion, JWT
- Architected and developed a scalable microservices-based food ordering platform as part of a 4-member team, supporting multiple user roles with isolated service boundaries.
- Implemented secure JWT-based authentication with email verification, reducing unauthorized access attempts and ensuring compliant user onboarding.
- Designed role-specific dashboards (Customer, Restaurant Admin, Delivery Agent, Super Admin) enabling granular access control and streamlined workflow management.
- Built comprehensive Admin Dashboard with real-time user analytics, order management system, and integrated email notification service for cross-service communication.

ECOWASTE - E-Waste Management Mobile Application (React Native | Expo)

Academic Project | Y3S2

- **Tech Stack:** React Native, Expo, TypeScript, Redux Toolkit, NativeWind, Node.js, Express.js, MongoDB, JWT
- Led development of AI-powered Tips & Resources module featuring intelligent recommendation engine and NLP-based advanced search, improving content discoverability by enabling contextual queries.
- Implemented category-based filtering system and interactive content management interface, enhancing user engagement and accessibility of sustainability resources.
- Collaborated with team to integrate authentication, state management, and responsive mobile-first design across iOS and Android platforms.

Amazing World - Interactive Country Explorer (Frontend)

Personal Project | 2025

- **Tech Stack:** React.js, Redux, Framer Motion, REST Countries API, Pexels API, localStorage, Netlify
- Built fully responsive React application integrating multiple external APIs with client-side authentication, pagination, and advanced filtering (region, language, search).
- Implemented Redux for centralized state management and Framer Motion for fluid UI transitions, creating an engaging user experience.
- Deployed with CI/CD pipeline on Netlify ensuring continuous accessibility and automated updates.
- **Live:** [amazing-worlds.netlify.app](https://amazing-worlds.netlify.app) | **GitHub:** [github.com/MethZ0/react-rest-countries-explorer](https://github.com/MethZ0/react-rest-countries-explorer)

NextFrame - Movie Discovery Platform (Frontend)

Personal Project | 2025

- **Tech Stack:** React.js, Vite, Tailwind CSS, Framer Motion, TMDB API, React Router
- Developed responsive movie information platform with dynamic routing and smooth animations, optimizing for mobile-first viewing experience.
- Integrated TMDB API for real-time movie data retrieval and implemented efficient component architecture for scalable frontend design.
- **Live:** [nextframe.netlify.app](https://nextframe.netlify.app)

EDUCATION

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2022 - Present	<b>BSc (Hons) in Software Engineering</b> Sri Lanka Institute of Information Technology (SLIIT), Malabe
2022	<b>Diploma of Higher Education in English Language</b> ST Anthony's Institute Of Higher Studies, Chilaw
2019 - 2021	<b>G.C.E Advanced Level</b> (SFT, Engineering Technology, Information Technology) Medagama Abhaya Model School, Chilaw

LEADERSHIP & ACTIVITIES

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- **Video Editor** SLIIT Microsoft Club (2025) | Producing promotional content and event coverage
- **Co-Editor** SLIIT Gaming Community (2024 - Present) | Managing content creation and editing workflows
- **VFX Department Head** SLIIT Gaming Community (2023 - 2024) | Led visual effects team for community content
- **Member** SLIIT Table Tennis Club | Active participation in inter-university tournaments

ADDITIONAL SKILLS

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<b>Creative &amp; Design</b>	Video Editing, Graphic Design, 3D Environment Design, Animation, VFX
<b>Soft Skills</b>	Team Collaboration, Agile Development, Problem Solving, Technical Communication

REFERENCES

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<b>Shehan Chandrasekara</b> Senior Technical Escalation Specialist IFS UK Phone: +44 7399 722480 Email: <a href="mailto:shehanpraneeth5@gmail.com">shehanpraneeth5@gmail.com</a>	<b>Umeshi Rabel</b> Visiting Lecturer in English SLIIT Phone: 071 838 1129 Email: <a href="mailto:umeshi.mihirini@gmail.com">umeshi.mihirini@gmail.com</a>
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