ESANKI THAMBAWITA

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Technical Skills

- Java | C# | JavaScript | React.js (learning) | HTML5 | CSS3 | Bootstrap | Node.js | Express.js (learning)
- ASP.NET Core | Spring Boot (MVC, JPA, Hibernate) | MySQL | PostgreSQL | MongoDB | Redux | Axios | REST APIs | OOP
- DSA | MVC | EF Core | Flutter | Unity 2D | GitHub | Postman | Docker | Agile (Scrum) | Unit Testing | Debugging | Azure (basic)

Experience

Software Engineering Intern   **Tecxick Software Solutions**   01/2024 - 07/2024

- Software Development: Developed and optimized software applications using C#, XAML, and .NET Framework, improving application efficiency and performance.
- Web Development: Designed, built, and maintained web applications using HTML5, CSS3, JavaScript, and WordPress, enhancing functionality and user experience.
- Debugging and Testing: Identified, debugged, and resolved software issues through testing and quality assurance to ensure optimal reliability and performance.
- Design: Applied UI/UX design best practices to improve user interaction, accessibility, and overall design quality.

Education

BSc (Hons) in Computer Science   **NSBM Green University**   10/2022 - 12/2026

- 3rd Year Undergraduate (GPA : 3.9)

Advanced Level   **C.W.W. Kannangara Central College**   2020

- Information Technology, French, English (B, C, S passes)

Projects

- **Interview :** Interviewed Mr. Nuwan Dias, VP and Deputy CTO at WSO2, about his career and industry insights. This project enhanced my communication skills and understanding of leadership trends. View **(11/2022)**
- **Emart :** Led a team of 6 developers to build E-Mart, a scalable and secure e-commerce platform using Java (JSP, Servlets) and MySQL. Managed the project from planning to deployment, ensuring smooth collaboration and timely delivery of key features. Documentation | Github **(03/2024)**
- **Work-Connect :** Developed a scalable job-matching platform using C#, ASP.NET MVC, and Azure SQL. Focused on authentication, admin management, and responsive design. Documentation, Github **(08/2024)**
- **Redesigning Quora :** Collaborated on redesigning Quora's UI/UX using Figma, creating an interactive prototype focused on usability and functionality improvements. Prototype **(09/2024)**
- **PrimeBid :** Led a team of 5 to develop a secure auction platform using ASP.NET Core, SQL Server, and Web API with real-time updates and user profile management. Used MVC architecture and validated APIs extensively with Postman. Documentation, Github **(09/2024)**
- **MadBall :** Led a team of 3 to develop a physics-based 2D mobile game using Flutter and Unity with single- and two-player modes. Designed and implemented 3 unique game maps featuring challenges like wind, sandstorms, and asteroid rains to enhance gameplay variety. Documentation, Github **(04/2025)**
- **Spring Boot eCommerce REST API:** Built a backend with full CRUD operations using Spring Boot and JPA to learn Spring Boot fundamentals and REST API development. Github **(05/2025)**
- **MERN Authentication App :** Built a full-stack authentication app with MongoDB, Express, React, and Node.js to learn MERN, JWT, and Redux. Includes user signup, login, logout, profile update, protected routes, and secure auth via HTTP-only cookies. Github **(07/2025)**
- **Dockerized Node.js + PostgreSQL CRUD API :** Built a CRUD backend using Node.js, Express, and PostgreSQL, then containerized the application with Docker and orchestrated it using Docker Compose. Github **(07/2025)**

Soft skills

- Proven communication, leadership, and teamwork abilities with experience in task delegation and collaborative project execution.
- Strong adaptability, problem-solving, and time management skills with a track record of performing effectively under pressure.

References

- Mr. Methsara Premarathna - Senior Site Reliability Engineer, IFS, Sri Lanka   methsarapre@gmail.com , +9471 4845501
- Mr. Binod Malaka - DevOps Engineer, Random Software Ltd   binodmalaka12@gmail.com , +9477 2767415