

ANEEQ SHAFFY

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EDUCATION

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Bachelor of Science (Honours) in Information Technology

Malabe

Expected Feb 2026

Volunteered as Batch Representative, acting as a liaison between 150+ students and faculty to resolve academic concerns. (Certification available upon request)

Relevant Coursework: Object-Oriented Programming (Java, JavaScript), Database Management Systems (SQL, MongoDB), Data Structures and Algorithms, Programming Applications and Frameworks (React, Express, Node), Probability and Statistics.

LYCEUM INTERNATIONAL SCHOOL

Advanced Level (A/L): Mathematics, Accounting, Economics, Business Studies.

Nugegoda

Jul 2017 - Mar 2019

TECHNICAL SKILLS

Programming: Proficient in JavaScript and Java, with experience building RESTful APIs using Node.js, Express.js, and Axios.

API Testing & Debugging: Proficient in Postman for API testing, debugging, and handling Bearer tokens and JSON data. Completed the Postman API Fundamentals Student Expert course.

Database Management: Experienced in SQL (PostgreSQL) and NoSQL (MongoDB), including database design, CRUD operations, and data migrations.

Authentication: Proficient in JWT-based authentication and integrating OAuth 2.0 (Google, GitHub).

Version Control: Well-versed in Git for version control and deploying applications on GitHub Pages, Netlify, and Vercel.

CSS & Styling: Skilled in responsive design using Flexbox, CSS Grid, and Tailwind CSS.

SOFT SKILLS

Presentation & Communication: Delivered and presented 10+ academic project reports to faculty and peers, refining technical and non-technical communication skills.

Leadership: Led 5 semester projects, delegating tasks and fostering collaboration to achieve 100% on-time delivery.

Adaptability: Researched and implemented new tools/technologies (e.g., Postman, Tailwind CSS) for coursework and personal projects.

Languages: English (Fluent), Sinhala (Proficient), Tamil (Native)

PROJECTS

ITPM-LINGO

[GitHub Repository](#)

- Developed an English-Sinhala translation web app with secure user authentication using OAuth 2.0 via NextAuth.js and the MongoDB adapter.
- Designed RESTful APIs with CRUD operations, tested them using Postman, and integrated three third-party free-tier APIs from RapidAPI.
- Resolved database schema challenges by restructuring the MongoDB architecture to handle UUID/ObjectID compatibility, as NextAuth.js did not support Mongoose and instead used the MongoDB adapter.
- Found Google Cloud Console quite challenging, as it was not user-friendly as I had to adjust the redirect URLs twice during development and deployment, adding complexity to the process.
- Led the team, gaining valuable experience in leadership and managing diverse personalities.
- Handled all presentations and related tasks, strengthening communication and organizational skills.

FitFusion

[GitHub Repository](#)

- Developed a Fitness Social Media App using Spring Boot, React.js, and MongoDB.
- This was my first time working with Spring Boot, and I gained an in-depth understanding of how Java models, repositories, and services interacted within the Spring Boot framework.
- Learned how Spring Boot's configuration differs from traditional MERN projects, which was both challenging and exciting.
- Implemented JWT-based authentication for secure user login and tested API endpoints using Postman.
- Learned how to handle annotations, beans, and dependency management in Spring Boot.
- Handled all presentations and related tasks, strengthening communication and organizational skills.

Flavor Exchange

[GitHub Repository](#)

- Developed a recipe-sharing platform using Next.js, React.js and MongoDB.
- This was my first time working with Mongoose and NextAuth, where I learned the hard way that Mongoose and NextAuth are incompatible, as NextAuth supports the MongoDB adapter instead.
- Designed RESTful APIs with CRUD operations, tested them using Postman.
- Added state management using the Context API for favorites and recipes.
- Used client-side GitHub OAuth2 with a bit of hybridization to store some necessary information, but not a full-blown backend, just the essentials for authentication.

REFERENCES

Dr. Markus Lehmann

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