



NAVEETH LAREEF

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[Naveeth-Lareef](#)

SUMMARY

A passionate Computer Science undergraduate with excellent critical thinking and problem-solving skills and hands-on experience in full-stack development. Eager to contribute to real-world software solutions through an internship, while deepening skills in scalable systems and modern web technologies.

EDUCATION

Bachelor of Science (Hons) in Computer Science 2023 - 2027
Sri Lanka Institute of Information Technology

PROJECTS

FreshRoots - E-Commerce Marketplace Platform JUNE - JULY 2025
to support local businesses

Tech Stack: Java Spring Boot | React | MongoDB | REST APIs | Spring Security | JWT | Email API

- Developed a marketplace connecting buyers with local sellers, featuring product catalog, shopping cart, checkout, and order management.
- Built role-based dashboards for Admin, Seller, and Customer, with seller registration and admin approval workflows.
- Implemented area-based product listings to connect buyers with nearby sellers, enhancing accessibility and trust.
- Secured the platform with JWT authentication and designed REST APIs using MongoDB for scalable, real-time data handling.

PetCare+ - Vet Hospital Management System AUGUST - PRESENT

Tech Stack: C# | ASP.NET Core | React | Tailwind CSS | ADO.NET | Azure SQL | Docker | Azure DevOps (CI/CD)

- Built a system to manage pet records, appointments, treatments, and user profiles with role-based access for Admin, Veterinarians, and Customers.
- Designed a responsive React + Tailwind interface and integrated secure data persistence using ADO.NET with Azure SQL.
- Implemented CI/CD pipelines in Azure DevOps, containerized with Docker, and deployed on Azure Cloud for scalability and reliability.
- Followed Agile practices with sprint planning, retrospectives, and incremental delivery.

FliSuper - Full-Stack E-Commerce Application MARCH - MAY 2025

Tech Stack: Java Spring Boot | React | MySQL | REST APIs | Spring Security | JWT | Email API

- Developed customer features: product listings with search/sorting, cart & checkout with multiple payment options, promo code discounts, and automated order confirmation emails.
- Built an admin dashboard to manage products, orders, users, and promo codes.
- Implemented **JWT-based authentication** and **role-based access control** for secure admin/customer separation.

TECHNICAL SKILLS

- Languages:** Java, C, JavaScript
- Web Development:** Spring Boot, React, ASP.NET, HTML, CSS, Tailwind CSS,
- Databases:** MySQL, PostgreSQL, MongoDB
- Tools & Platforms:** Git, GitHub, Docker, Postman, VS Code, IntelliJ, Google Colab, Selenium
- Project Management:** Agile Scrum, Jira
- Core CS Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, REST APIs

SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Teamwork & Collaboration
- Adaptability & Continuous Learning
- Effective Communication
- Leadership & Initiative
- Time Management & Organization

ACHIEVEMENTS

- 1st Runners-Up** - Algothon 2025, National-Level Inter-University Coding Competition organized by SLIIT.
- Finalist** — Algothon 2024

NexusLearn - An Interactive Learning Platform

JUNE - JULY 2025

Tech Stack: Java Spring Boot | React | Microservices | Eureka | Feign | PostgreSQL

- Developed a full-stack platform for students to access course materials and attempt quizzes.
- Implemented microservice architecture (User, Course, Quiz, Question services) with Spring Boot, Feign clients, and Eureka for service discovery.
- Built a responsive React frontend with smooth navigation and integrated quiz functionality (randomized questions, real-time results).
- Secured authentication and role-based access (Admin/Student) using JWT and Spring Security; used PostgreSQL for persistence.

FormLang++ - Domain-Specific Language for Dynamic Form Generation

MAY - JUNE 2025

Tech Stack: Lex | Yacc/Bison | C | HTML | CSS

- Designed and implemented a custom DSL to simplify the creation of interactive HTML forms with validation.
- Developed a lexer with Lex and a parser with Yacc (Bison) to translate DSL scripts into structured HTML output.
- Supported features such as form sections, multiple field types (text, number, email, file), and validation rules (required, length, pattern).
- Automated the generation of clean, well-structured, and properly indented HTML code to reduce repetitive frontend coding.

REFERENCE

Dr. Jeewanee Bamunusinghe
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Faculty of Computing,
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LICENSES & CERTIFICATIONS

- AI/ML Engineer – Stage 1 issued by SLIIT.
- AWS Academy Graduate – AWS Academy Cloud Foundations.
- GIT, GitLab, GitHub Fundamentals for Software Developers issued by Udemy
- LFS101: Introduction to Linux issued by The Linux Foundation