

OSANDA CHAMIKARA

INTERN QUALITY ASSURANCE
ENGINEER

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PROFILE

Full-stack software engineering undergraduate with hands-on experience building responsive, user-centric web and mobile applications. Proficient in modern JavaScript frameworks (React, Node.js) and server-side development with PHP and Laravel. Skilled in RESTful API design, database modeling, and agile development workflows. Passionate about writing clean, maintainable code and continuously expanding expertise in backend systems and web architecture. Seeking to contribute to innovative software teams as a Web & Software Engineering Intern.

PROJECTS

NoteGenius Web App - 2025

- Validated full-stack functionality of a MERN-based note-taking application through manual and regression testing.
- Designed and executed test cases for user authentication, note CRUD operations, and version control features.
- Reported UI inconsistencies and API response errors using structured bug reports.
- Verified JWT token security and session handling during testing cycles.

Technologies

React.js, Express.js, Node.js, MongoDB, Postman

Ceylon Travels – Travel Booking Platform - 2024

- Conducted end-to-end testing of user journey: package browsing → booking → confirmation.
- Performed cross-browser and responsive design validation on mobile and desktop views.
- Used Postman to test backend API endpoints for data accuracy and error handling.

Technologies

React.js, Express.js, Node.js, MongoDB, Postman

EDUCATION

2022 - Expected 2026

SRI LANKA INSTITUTE OF INFORMATION
TECHNOLOGY (SLIIT)

- BSc (Hons) Information Technology

2020

ANURUDDHA KUMARA NATIONAL
COLLAGE NAWALAPITIYA

- Engineering Technology : 2C 1S

2017

ESOFT METRO CAMPUS

- Diploma in PC Hardware Engineering
and Network Administration

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- Java
- Python
- JavaScript
- C
- C++

FRONTEND DEVELOPMENT

- React
- HTML
- CSS

BACKEND DEVELOPMENT

- Node.js
- PHP

■ Online Pharmacy Website - 2024

- Created detailed test scenarios for product search, cart management, and checkout flow.
- Logged defects related to form validation, image loading, and navigation flow.
- Participated in usability testing to improve user experience.

Technologies

HTML , CSS , JavaScript , Java , MySQL , Postman

■ Food Delivery Website - 2024

- Created a React-based food delivery platform with dynamic menu displays and order functionality.
- Ensured mobile-friendly design using CSS and JavaScript.

Technologies

React.js, Tailwind CSS

■ Kanthi AI ChatBot 2023

- Tested natural language responses under various input conditions.
- Documented edge cases where the chatbot failed to understand queries.
- Used Gemini API

Technologies

Python

DATABASE

- MySQL
- Mongo DB
- Oracle database
- SQLite

TESTING

- Postman
- Selenium

MOBILE DEVELOPMENT

- Kotlin

SOFT SKILLS

- Attention to Detail
- Analytical Thinking
- Clear Communication
- Team Collaboration
- Documentation

REFERENCES

- Available upon request

EXPERIENCE

Software Development Intern

Amzaum IT — Remote / UK

- Spearheaded the end-to-end development and deployment of Amzaum IT's official company website, serving as the primary digital presence for the organization.
- Built multiple client-facing web applications using the MERN stack (MongoDB, Express.js, React, Node.js), implementing responsive UIs, RESTful APIs, and secure authentication.
- Handled domain configuration, server setup, and deployment pipelines, ensuring high availability and performance of all web assets.