

TISHAN RASHMIKA

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A dedicated and detail-oriented Software Engineer with a strong passion for quality and continuous learning. Experienced in full-stack development and software testing through hands-on projects and internships. Adept at analyzing system behaviors, identifying defects, and ensuring application reliability. Seeking an opportunity to apply my technical expertise and grow within a collaborative, innovative team focused on delivering high-quality solutions

Professional Experience

Software Engineer – Intern

January-2024 to July-2024

Gravity Colombo – Colombo, Sri Lanka

- Developed web applications using Next.js, resulting in improved load times through optimized coding practices.
- Collaborated on projects integrating Hasura ORM with GraphQL, enhancing data management efficiency and reducing data retrieval times.
- Designed and implemented responsive websites using CSS, HTML, and PHP, ensuring cross-device functionality and increasing user engagement.
- Focused on enhancing user experience, conducting usability tests that led to improved user satisfaction scores.
- Participated in code reviews and team meetings, fostering a collaborative environment and contributing to project timelines being met on schedule.

Instructor in Information Technology – ICT

July-2024 to October-2024

ITI School – Tangalle, Sri Lanka

- Developed and delivered engaging lessons on basic computing, programming, and digital literacy for Grade 6-11 students
- Created interactive activities that enhanced student engagement and understanding of complex concepts.
- Collaborated with fellow educators to integrate technology into the curriculum, fostering a dynamic learning environment.
- Organized workshops and extracurricular activities to promote interest in technology and encourage further study in the field.

Project

IPLPC

Web Based application developed for photographic competition.

- PLPC is a web application designed for managing photographic competitions. It streamlines the submission process, facilitates judging, and provides a platform for showcasing and evaluating photography entries.

(NextJs, Clerk Auth, Styled Components, Ant Design, GraphQL, PostgreSQL, AWS)

AutoXpert – Ongoing Research Project(Team Leader)

Integrating advanced technologies for comprehensive vehicle maintenance & spare parts management

- Developed a React Native mobile app with a Flask backend for spare part search and shop ranking. The system features Singlish sentiment analysis, allowing users to find trusted suppliers based on real customer reviews. Users can search for spare parts, view nearby suppliers, and assess rankings driven by sentiment-based feedback analysis.
(React Native, Python, Flask API, SQLite, NLP)

Education

Sri Lanka Institute of Information Tech
Reading for BSc. (Hons) in Information Technology

June-2021 to June-2025

Licenses & Certifications

Completed the “Understanding Prompt Engineering” course offered by Datacamp

Completed the "AWS Cloud Foundation" course offered by AWS

Completed the "Software Testing Foundation" course offered by LinkedIn

Completed the “Test Management in Software Testing” course offered by Coursera

Completed the “Foundations of Software Testing and Validation” course offered by Coursera

Experience in Tools, Techniques and Skill

Technical	- Java, SQL, Oracle, Selenium , Cucumber , TestNG , Maven
Tools	- Visual Studio Code, IntelliJ, GitHub , Selenium IDE
Languages	-Sinhala, English

Accomplishments

- Scripting and automation competition in Sri Lanka – Participate - (Bashaway)
- All Island Music Competition (2017) – 2nd place solo guitar in Sri Lanka. (A music competition organized by Ministry of Education)
- Derana Battle of the Band (2019) - Final 5 band competition Organized by TVDerana.

References

Mr. Roshan Gunarathna
Senior Software Engineer (NCS Pte Ltd),
Singapore.
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Mr. Chandima Rathnayake
Senior Software Engineer (Gravity Colombo),
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