JANITH WATHSALA

IT UNDERGRADUATE

PROFESSIONAL SUMMARY

Motivated and detail-oriented IT undergraduate seeking a Software Engineering Internship. Passionate about coding, problem-solving, and building scalable applications. Have strong foundations in networking, software development, and DevOps fundamentals, with strong enthusiasm to learn and contribute in real-world projects.

CONTACT

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EXPERIENCE

Founder of OpenStage | [07/2025] – Present

Founded and led OpenStage, delivering 20 real-world educational projects, empowering students through practical learning, global collaboration, mentorship, and career-ready skills bridging education with industry.

EDUCATION

BSc (Hons) in Computer Networks
NSBM Green University, Sri Lanka
Expected Graduation: 2027

TECHNICAL SKILLS

Programming: Java, C, JavaScript, PHP, Python (basic)
Web Development: HTML, CSS, React, Next.js, Node.js, Express.js, Tailwind CSS
Databases: MySQL, Supabase
Tools & Platforms: Git/GitHub, VS Code, IntelliJ, Docker, AWS (basic), Postman (API testing), CI/CD pipelines
Other Skills: Strong networking fundamentals, Linux fundamentals, network security basics, problem solving

PROJECT

1. End-to-End DevOps Project on AWS | CI/CD • Kubernetes • Monitoring • Security
Designed and implemented an end-to-end DevOps project on AWS, provisioning multiple EC2 instances for Kubernetes, Jenkins, SonarQube, Nexus, and monitoring. Built automated CI/CD pipelines for code build, testing, security scanning, and container deployment. Integrated Docker, Trivy, Prometheus, Grafana, and Blackbox Exporter to ensure secure, scalable deployments with full observability, health checks, and production-grade automation.

2. Warehouse Management System – Java, JSP, MVC, MySQL (GitHub Link)
Head Office Dashboard: Items overview, monthly revenue charts, outlet management, reports, admin/staff management.
Outlet Dashboard: Real-time product tracking, sales reports, staff management.
User Site: Package tracking with animated timeline and status updates.
Demonstrated teamwork, full-stack development, and design thinking.

3. Travel Website – HTML, CSS, JavaScript, PHP, MySQL(<u>GitHub Link</u>)
Developed for PSRvlog YouTube channel hackathon (3rd place winner).
Features: Destinations, activities, hotels, plan-your-trip page with dynamic package selection and cost calculation.
Integrated AI Chat Bot for guided tours (React Native, Node.js, Express, API).

4. Interest Rate Calculation Website – HTML, CSS, JavaScript, PHP, MySQL(<u>GitHub Link</u>)
Streamlined borrower management, payment tracking, and interest calculations.
Features: Real-time updates for arrears and interest, employee management, visual summaries.
Automates financial data handling and reporting.

5. OpenStage Website – Next.js, Supabase, Tailwind CSS (<u>GitHub Link</u>)
Platform for student project collaboration.
Features: Project uploads (idea → implementation), required skills, progress tracking, admin approval, LinkedIn badge sharing.

6. Surfing Site Backend & Admin Panel – Next.js, Supabase (<u>GitHub Link</u>)
User can select and book surfing teachers.
Client project development with teammate collaboration.

7. SkylionSolution Website – Next.js, Tailwind CSS (<u>GitHub Link</u>)
Simple startup website design (client project).

8. Spice Website – Next.js, Tailwind CSS (<u>GitHub Link</u>)
E-commerce site for spice selling (client project).

9. Space-X Rocket Booking Website – HTML, CSS, JavaScript, PHP, MySQL (<u>GitHub Link</u>)
Users can book rockets, view available rockets and seats.
University project demonstrating basic booking system implementation.

ACHIEVEMENTS

Srilanka rank : 80 - IEEEXtrem 19
3rd Place Winner - PSRvlog YouTube Channel Hackathon for developing a fully-featured Travel Website.

EXTRACURRICULAR ACTIVITIES

Development Subcommittee Member – IEEE NSBM Student Branch (Feb 2025)
Development Lead – IEEE NSBM Green University (Mar 2025 – Present); mentored students on GitHub and organized development sessions
Volunteer Developer – "Duthon 5" Inter-University Hackathon, organized by IEEE NSBM Green University; contributed to website development and managed technical aspects on the final day
Volunteer – Participated in other IEEE NSBM Green University sessions supporting development activities