

DILSHAN UKWATTAGE

Full Stack Engineer | Expert in Software development | Angular Specialist

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Medium: <https://dilshanukwattage.medium.com>

OBJECTIVE

Experienced Software Engineer with 4+ years of experience in Angular, TypeScript, C# .NET, Java, Python, MySQL, Microservices, Git, and Jenkins. Proficient in building and optimizing scalable applications, improving system performance, and delivering high-quality software solutions on time. Strong expertise in Agile methodologies, CI/CD, and solving complex technical challenges. Skilled in providing scalable solutions, enhancing user experiences, and seeking to contribute expertise to a dynamic development team and drive innovation.

CORE COMPETENCIES

- **Programming Languages:** Java, Python, TypeScript, C#, C++
- **Frameworks & Libraries:** Angular, RxJS, .Net, Spring Boot, NestJS
- **Databases:** MySQL, MongoDB, PostgreSQL, Firebase
- **Tools & Technologies:** Jenkins, Git, Docker, Selenium, AWS
- **APIs & Protocols:** RESTful APIs, GraphQL

PROFESSIONAL EXPERIENCE

Software Engineer

IFS R&D International (Pvt) Ltd, Colombo, Sri Lanka

Apr 2022 - Present

Achievements

- Led cross-functional teams to gather and analyze system requirements, successfully implementing a solution that increased system efficiency by 30%
- Developed and optimized code for key product features, contributing to a 40% increase in user engagement and a 20% reduction in load time
- Managed and resolved a high volume of bug fixes, ensuring minimal disruption to the development cycle and smooth product releases
- Coordinated with the support team to optimize issue tracking and resolution workflows, leading to an 80% reduction in turnaround time for support tickets and improving overall team efficiency.
- Managed the migration process for Angular versions 13, 14, 15, and 18, improving system stability and leveraging new features to amplify user experience and functionality
- Implemented keyboard navigation within the software, improving accessibility for 100+ users with disabilities and enhancing overall usability, resulting in user engagement and positive feedback from diverse user groups
- Proactively conducted developer testing to identify and resolve critical bugs early in the development cycle, enhancing overall software quality and reducing post-release issues by 60%
- Successfully contributed to an Agile Scrum team, leading to improved delivery efficiency, with each sprint completed on schedule and meeting the business requirements outlined in the backlog
- Drove the adoption of Web Content Accessibility Guidelines (WCAG) standards, resulting in a more inclusive product and significantly improving usability for users with visual, auditory, and mobility impairments

Tools & Technologies: Angular, TypeScript, RxJS, HTML, CSS/SCSS, C# .NET, MySQL, Selenium, Git, Jenkins

Associate Software Engineer

Virtusa (Pvt) Ltd, Colombo, Sri Lanka

Feb 2021 – Apr 2022

Achievements

- Analyzed project requirements and translated them into actionable technical specifications, ensuring clear alignment between business goals and software solutions, leading to successful project delivery
- Implemented and enhanced key features, improving application functionality and significantly reducing bug reports by 30%, ensuring a more stable user experience
- Contributed to developer testing and bug-fixing activities, identifying potential issues early in the development cycle and reducing defects in production by 30%
- Enhanced the Scrum team's success by 40% by actively contributing to sprint planning and backlog refinement, ensuring development efforts met clearly defined business requirements, which accelerated feature rollouts

Tools & Technologies: Angular, TypeScript, HTML, CSS/SCSS, Java, Spring Boot, Python, AWS, Git, Jenkins, MySQL

EDUCATION

Bachelor of Science (Computing)

Sri Lanka Institute of Information Technology (SLIIT) affiliated with Curtin University Australia

Feb 2020 – Jan 2021

Higher Diploma in Information Technology

Sri Lanka Institute of Information Technology (SLIIT)

Feb 2018 – Nov 2019

G.C.E. Advanced Level, Technology Stream

Ananda College Colombo 10, Sri Lanka

Jan 2014 – Aug 2016

PROJECTS

Degree Projects

- Banquet hall management system for Grand Monarch Hotel Thalawathugoda
- A mobile App for KDU Hospital requested by Digital Pulz (Pvt) Ltd

Open-source Projects

- Health Care: <https://github.com/Dilshanushara/Health-Care>
- Blog Post: <https://dilshanukwattage.medium.com/project-health-care-b3fefc29558b>
- Medium profile: <https://dilshanukwattage.medium.com>

CERTIFICATIONS

Certified Mid-Level Angular Developer

Certificates.dev, in partnership with AngularTraining.com

Issued: June 3, 2025

Certificate ID: CMAD-005926