

S. D. Kalana Heshan

Intern Software Engineer | Java | Angular.JS

Horana, Sri Lanka

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

Profile Summary

Dedicated HND student specializing in software engineering, with hands-on experience in full stack development and AI analysis. Proficient in Angular and Spring Boot, with a strong foundation in creating scalable, efficient applications. Known for problem-solving abilities, attention to detail, and a collaborative approach to delivering impactful solutions. Passionate about leveraging technical skills to drive innovation and optimize processes.

Skills

- Java
 - C++
 - HTML, CSS
 - JavaScript, TypeScript
 - MySQL
 - Angular
 - Spring Boot
 - REST APIs
 - Object-Oriented Programming (OOP)
 - MySQL, PostgreSQL
 - Git, Postman
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Work Experience

Trainee Software Engineer

Jun 2024 - Present

Institute of Digital Engineering Technology, Sri Lanka

- Developed and maintained web applications using Java, Spring Boot, and Angular, resulting in enhanced user experience and improved functionality across various platforms.
- Collaborated with cross-functional teams, including UX/UI designers and product managers, to design and implement RESTful APIs that improved data retrieval and integration processes, leading to a 20% increase in application performance.
- Assisted in the architectural design of microservices, ensuring scalability and modularity of applications, which streamlined deployment and maintenance processes.
- Participated in code reviews and contributed to maintaining code quality and best practices, fostering a culture of continuous improvement and knowledge sharing within the team.
- Developed front-end features using Angular, implementing responsive design principles to ensure optimal performance on both desktop and mobile devices.
- Wrote unit tests and performed debugging to identify and resolve software defects, significantly enhancing application reliability and user satisfaction.
- Engaged in Agile methodologies, participating in daily stand-ups, sprint planning, and retrospective meetings, which improved project transparency and team collaboration.
- Contributed to documentation efforts, creating user manuals, technical specifications, and API documentation to facilitate onboarding and streamline development processes for future team members.
- Conducted research on emerging technologies and industry trends to recommend improvements and innovations in the software development lifecycle.
- Collaborated with senior developers to troubleshoot complex issues and optimize application performance, resulting in faster load times and reduced downtime.

Work Experience

Pearson BTEC HND in Computing (Software Engineering)

Jul 2024 - Apr 2026

Londontec City Campus, Nugegoda

Pearson Level 3 Diploma in Information Technology

Esoft Metro Collage, Kalutara

Feb 2023 - Jan 2024

Personal Information

Language: English

Notice Period: Immediately