

# S. D. Kalana Heshan

Intern Software Engineer | Java | Angular

Horana, Sri Lanka

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

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## 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.

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## 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.

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## Education

**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

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Feb 2023 - Jan 2024

## **Personal Information**

Language: English

Notice Period: Immediately