

# Kushani Kaushalya

## Software Engineer

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### Professional Summary

Recent Computer Science graduate and Batch Top with First Class Honors (GPA: 3.87) from NSBM Green University, with 1 year and 3 months of experience in full-stack enterprise application development. Proficient in C#, .NET, Java, Spring Boot, PHP Symfony, Vue 3, Angular, React, MySQL, and experienced with tools like Docker, AWS, Azure, Jenkins, and Git. Adept at working in Agile teams and applying critical thinking and problem-solving skills to deliver scalable software solutions. Passionate about software engineering, continuous learning, and contributing to impactful development projects.

### Work Experience

#### Associate Software Engineer

Jan 2024 – Mar 2025

*OrangeHRM – Boralasgamuwa*

- Developed and maintained enterprise-level applications using **Java**, **PHP**, **Symfony**, **Vue 3**, and **MySQL**.
- Utilized **Docker** for containerization and **Jenkins** for CI/CD pipeline automation.
- Managed source code and ensured seamless collaboration across development teams using **GitLab** and **SVN**.
- Participated in **Agile** development workflows, **supporting on-time sprint deliveries and enhancing team productivity**.
- Wrote and maintained **Unit and Integration tests** using **PHPUnit** to ensure code quality, reliability, and system stability.

#### Intern Software Engineer

Jun 2023 – Dec 2023

*OrangeHRM – Boralasgamuwa*

- Contributed to enterprise application development projects using **Java** and **MySQL**.
- Gained experience in DevOps tools like **Docker** and **Jenkins** for deployment automation.
- Utilized **Selenium** for test automation and **Selenium Grid** to enable parallel execution of automated tests across multiple servers and browsers.
- Collaborated with senior developers to design and optimize scalable backend modules.

### Education

#### BSc. (Hons) Computer Science

Sep 2020 - Nov 2024

*NSBM Green University, Homagama*

- **First Class Honours, GPA: 3.87.**
- **Virtusa Gold Award for Overall Best Performance of the Faculty of Computing (Batch Top).**
- **Best Performance Award for BSc. (Hons) Computer Science.**
- Secretary of the Mathematics and Statistics Circle (2023 - 2024).
- Batch Representative for Computer Science batch (2020 - 2024).

### Projects

#### StudyFocus [Final Year Research Project]

- Developed a mobile application for O/L students to track study, social media, and leisure time.
- Integrated a smart timetable generator and post-study questionnaires to enhance learning outcomes.
- Implemented predictive analytics to estimate required study time using the Random Forest ML algorithm.
- Technologies: **Java (Android)**, **Python (FastAPI)**, **Machine Learning**, **API Integration**, **Mobile Development**.
- Achievement: **Awarded an A grade for outstanding project performance.**

### **GovConnect - Unified Government Service Platform [Group Project]**

- Designed and implemented microservices for the **Education Department** in an e-government platform.
- Developed front-end features and integrated **RESTful APIs** to ensure seamless user interactions.
- Applied **Dependency Injection** to manage service dependencies, improve modularity, and enhance testability.
- Technologies: **Java 17, Spring Boot 3, JPA(Hibernate), MySQL, Vue 3, REST API, Microservices, Client-Server Architecture.**

### **E-Commerce Platform [Personal Project]**

- Developed a full-stack e-commerce application using .NET 8 with Blazor Web App for the frontend and Web API for backend services.
- Integrated Apache Kafka for asynchronous communication between services.
- Technologies: **.NET 8, ASP.NET Core Blazor, Web API, Entity Framework Core, SQL Server 2022, Apache Kafka, Microservice Architecture, MVC Design Pattern**

### **Employee Management System [Personal Project]**

- A web-based application designed to efficiently manage employee information and streamline administrative tasks.
- Technologies: **.NET 8 Web API, Angular 19, Entity Framework Core, SQL Server 2022, REST API, MVC Design pattern.**

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### **Skills**

- **Programming Languages & Frameworks:** Java, Spring Boot, J2EE, Jasper Reports, Hibernate, C#, .NET, Entity Framework Core, Python, JavaScript ES6, Angular, Vue.js, React, MySQL, Oracle PL/SQL, HTML, CSS
- **Soft Skills:** Collaborative Team Player, Ability to meet deadlines independently and as a team, Strong Cross-Functional Communication, Analytical & Competitive Thinker, Creative and innovative (out-of-the-box) thinker, Excellent Problem-Solving Abilities, Quick Learner, Adaptable to Fast-Paced Environments
- **Developer Tools:** Visual Studio, VS Code, IntelliJ IDEA, Cursor AI IDE, Git, GitHub, GitLab, AWS, Azure, Docker, Kubernetes, Jenkins, Maven, Figma, Selenium
- **Software Engineering Skills:** Object Oriented Programming (OOP), RESTful APIs, Microservices Architecture, MVC Design Pattern, Data Structures & Algorithms, Version Control, Agile/Scrum, Design Principles, Software Development Life Cycle, WireFraming, Prototyping, Schema/Modelling

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### **Reference**

#### **Mrs. Pavithra Subashini**

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