

DESHAN JAYASINGHE

Full-Stack Developer | PHP (Laravel) | MERN Stack | Flutter Mobile App Developer

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[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

SUMMARY

Software Engineering Undergraduate with expertise in full-stack web and mobile development, specializing in PHP (Laravel), MERN Stack, Java, Kotlin, Flutter, and Spring Boot. Developed and deployed 20+ applications, improving performance by 25% and enhancing security via JWT authentication. Proficient in RESTful APIs, MySQL, MongoDB, and Azure Cloud, with experience in building scalable, high-performance solutions. Applied AI and machine learning to optimize data retrieval by 30% and automate workflows, boosting efficiency by 20%.

WORK EXPERIENCE

Freelancer – SLIIT, Avissawella, Sri Lanka

Oct 2022 - Feb 2025

- Provided technical mentorship to 20+ students, guiding them in web and mobile application development, improving their coding efficiency by 35%.
- Developed 10+ web and mobile applications, reducing development time by 30% through optimized workflows and automation.

TECHNICAL & SOFT SKILLS

Programming Languages:

- | | | |
|--------------|--------|-----------|
| • C | • Java | • CSS |
| • C++ | • PHP | • Flutter |
| • JavaScript | • HTML | • Kotlin |

Frameworks & Technologies:

- | | | |
|---------------|------------------|--------------|
| • Spring Boot | • OSGi Framework | • Express.js |
| • React | • Laravel | |

Databases:

- | | | |
|---------|----------|-----------|
| • MySQL | • Sqlite | • MongoDB |
|---------|----------|-----------|

Tools & Version Control:

- | | | |
|----------|--------------|---------|
| • Git | • Postman | • Figma |
| • Docker | • Kubernetes | • CI/CD |

Soft Skills:

- | | | |
|--------------------------------|---------------------------|----------------------|
| • Team Collaboration | • Technical Documentation | • Software Testing |
| • Task Prioritization | • Decision-Making | • Project Management |
| • Leadership & Team Management | • Agile Development | • Team Collaboration |

EDUCATION

SLIIT (Sri Lanka Institute of Information Technology)

Oct 2022 - Oct 2026

University of Engineering and Technology

- BSc (Hons) in Information Technology, Specialization in Software Engineering

Kegalu Vidyalaya

Aug 2016 - Aug 2022

- Advanced Level (Physical Science): CCS for Chemistry, Mathematics, Physics
- Ordinary Level (English Medium): A8, B1 (ICT, E-Literature, Commerce)

CERTIFICATES

- **Implement Retrieval Augmented Generation (RAG)** with Azure – Designed AI-driven search models using Azure OpenAI, improving query accuracy by 35% and cutting query processing time by 20%.
- **Create an Azure AI Search Solution** – Developed and deployed intelligent search capabilities using Azure AI Search for optimized data retrieval.
- **Build a Chat Agent with Azure Copilot Studio** – Built an AI-powered conversational agent using Azure Copilot Studio, leveraging NLP integration to improve interaction speed by 40%.
- **AI Certification Course by Pieces for Developers** – Completed AI-focused certification, gaining expertise in advanced development tools and AI applications.

ACTIVITIES & HONORS

- **Vice Chairperson, API & GenAI Tour Sri Lanka 2025** **Feb 2025 - Mar 2025**
Led 5+ national tech events, impacting 1,000+ developers, with an 80% engagement rate, collaborating with Postman and Pieces for Developers to conduct hands-on AI & API workshops.
- **Member, SLIIT Software Engineering Student Community** **Aug 2024 - Mar 2025**
Participated in 10+ workshops and hackathons, gaining expertise in software development, debugging, and algorithm optimization.
- **Member, SLIIT LEO Club** **Apr 2023 - Mar 2025**
Contributed 50+ volunteer hours to leadership development, community service, and industry networking.

LANGUAGES



PROJECTS

- Hospital Management System | Group Project

Sept 2024 - Nov 2024

 - Built a comprehensive hospital management platform with patient appointment booking, medical history tracking, report access, and online payments.
 - Integrated patient management and CRM improving hospital efficiency by 20%.
 - Technologies: PHP (Laravel), JavaScript, Bootstrap, MySQL
- POS Management System | Individual Project

Oct 2024 - Dec 2024

 - Designed a Point of Sale (POS) system for inventory management, sales tracking, customer management, and payment processing.
 - Technologies: PHP (Laravel), JavaScript, Bootstrap, MySQL
- Flutter E-Commerce App with Admin Panel | Individual Project

Dec 2024 - Jan 2025

 - Developed a mobile-first e-commerce platform with an admin panel for product management, order tracking, and real-time notifications.
 - Technologies: Flutter, Node.js, MongoDB, Provider (State Management)
- Finance Tracker System | Individual Project

Feb 2025 - Mar 2025

 - Built a secure RESTful API for a Personal Finance Tracker to track expenses, set budgets, analyze financial trends, and generate reports with enhancing security by 40%.
 - Implemented JWT authentication and multi-role dashboards for admin and user functionalities.
 - Technologies: Spring Boot, Java, MongoDB, JWT Authentication, REST API, Postman
- Online Food Ordering Management System | Individual Project

Mar 2024 - May 2024

 - Designed an online food ordering system with browsing, payment, and order tracking features, enhancing user experience and admin efficiency. Optimized order processing speed by 25% with a responsive UI.
 - Technologies: React, JavaScript, MongoDB, Node.js, HTML, Tailwind CSS