

KULINDU PABASARA

Software Engineer | Full Stack Developer

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- Malabe, Colombo, Sri Lanka

SUMMARY

Software Engineer with 2 years of industry experience in designing, developing, and maintaining scalable web applications and software solutions. Experienced in full-stack development using modern frontend and backend technologies, database design, REST API development, and software engineering practices. Currently completing a BSc (Hons) in Information Technology specializing in IT at SLIIT, with graduation expected in September 2026. Passionate about writing clean, maintainable code, improving system performance, and contributing to collaborative engineering teams.

SKILLS / AREA OF EXPERTISES

- Programming Language: C#, Java, Python, JavaScript, TypeScript, SQL, HTML5, CSS3
- Frontend: React.js, ASP.NET MVC/Razor, Bootstrap, Tailwind CSS, Responsive UI Development
- Backend: ASP.NET Core, .NET Web API, REST APIs, Entity Framework Core, Node.js
- Database: SQL Server, MySQL, MongoDB, Database Design, Stored Procedures
- Tools: Git, GitHub, Bitbucket, Visual Studio, VS Code, Postman, Azure, Windows Server, Remote Desktop
- Software Engineering: Object-Oriented Programming, Clean Code, SOLID Principles, Design Patterns, Agile Development, SDLC, Software Testing, MVC
- Enterprise Systems / Domain Knowledge: ERP Systems Development, POS (Point of Sale) Systems, EMR (Electronic Medical Records) Systems, E-Commerce Platforms, Role-Based Access Control (RBAC), Business Workflow Automation

EXPERIENCE

X365 | Software Engineer

January 2026 – Present

- Developing and maintaining e-commerce platforms and ERP solutions using modern software engineering practices.
- Contributing to healthcare and education-related ERP modules by implementing business logic, application workflows, and database solutions.
- Working on full-stack development activities including system design, backend development, API integration, debugging, and continuous improvements.

Xenosys Software Solution | Associate Software Engineer

May 2025 – December 2025

- Developed and enhanced web applications by implementing new features, improving existing functionalities, and resolving software issues.
- Contributed to Windows application and e-commerce platform development, including business workflows and user-focused features.
- Collaborated with the development team to analyze requirements, design solutions, test applications, and deliver reliable software.

Xenosys Software Solution | Software Engineer Intern

November 2024 – May 2025

- Started professional software development experience by learning and applying C#, .NET, ASP.NET Core, and SQL-based application development.
- Developed and maintained web application features, including frontend implementation, backend logic, and database operations.
- Gained experience in software development practices including debugging, version control, requirement understanding, and team collaboration.

EDUCATION

Bachelor of Science (Honours) in Information Technology – Specialization in IT

2022 - 2026

Sri Lanka Institute of Information Technology (SLIIT)

PROJECTS

Leonara – E-Commerce Platform

Client Project (Freelance) | Jan 2026 – Present

A fully customized e-commerce platform developed to support online selling operations with complete business workflows and role-based access management.

- Designed and developed a complete e-commerce system including product management, customer interactions, order handling, and sales-related functionalities.
- Implemented role-based authentication and authorization features to manage different user responsibilities and secure system access.
- Developed customized features for sellers/admins to monitor sales details, manage products, and improve overall business operations.
- Technologies: HTML, ASP.NET Core, C#, SQL Server, Entity Framework, JavaScript, Bootstrap, REST APIs
- Demo: [Leonara.dev](#)
- [GitHub Repository](#)

Milan – POS System for Food City

Client Project (Freelance) | May 2026 – Present

A full-featured Point of Sale (POS) system developed for retail and food city operations with role-based access control and real-time business management features.

- Designed and developed a complete POS system covering core functionalities such as sales processing, billing, inventory management, and reporting.
- Implemented role-based access control (RBAC) to manage different user permissions including admin, cashier, and manager roles.
- Built a scalable full-stack architecture using the MERN stack with responsive UI and efficient backend API integration.
- Technologies: MongoDB, Express.js, React.js, Node.js (MERN Stack), REST APIs, JWT Authentication
- Demo: [MilanPos.dev](#)
- [GitHub Repository](#)

InternLink AI Assistant – RAG Chatbot for Internship Management System Academic Project | 2025

AI-powered RAG (Retrieval-Augmented Generation) chatbot designed to support an internship management system by guiding undergraduate and graduate students in career development.

- Designed and developed an AI-powered chatbot using RAG (Retrieval-Augmented Generation) architecture to support an internship management system with context-aware responses for students.
- Provided intelligent career guidance to undergraduate and graduate students, including job search support, skill improvement suggestions, and CV/resume advice, integrated into a full-stack web platform.
- Technologies: MongoDB, Express.js, React.js, Node.js (MERN Stack), REST APIs, JWT Authentication
- [GitHub Repository](#)

CERTIFICATIONS

- C# Mastering Course for Intermediate Level – Udemy
- C# Mastering Course for Professional Level – Udemy
- Complete JavaScript with HTML5 & CSS3: From Zero to Expert (2024) – Udemy
- Next.js Web Development: Master this Powerful React Framework – Udemy

LANGUAGES

- English (Professional Working Proficiency), Sinhala (Native)

REFERENCES

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