Abdullah Rifak

Undergraduate software engineering intern

Software Engineering undergraduate with hands-on experience designing and deploying full-stack applications using MERN and ASP.NET Core. Strong foundation in OOP principles, RESTful API development, database design, and role-based system architecture. Experienced in building production-ready systems including a LAN-based POS platform and scalable backend services. Currently expanding knowledge in cloud computing (AWS) and AI-driven system integration. Seeking a 6–12 month internship to contribute to real-world software lifecycle development in Agile teams.

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in abdullah-rifak
 Abdullah-Rifak

Education

Sri Lankan Institute Of Information Technology (SLIIT)
Information Technology Undergraduate
📍 Malabe, Sri Lanka   2023 - Present

Sulaimaniya Maha Vidyalaya
Higher Education
📍 Galle, Sri Lanka

Technical Skills

Frontend

`HTML` `CSS` `Tailwind CSS`
`React` `Next.js` `Tauri`

Backend

`REST APIs` `Entity framework core`
`Node.js` `Express.js` `ASP.NET core`
`Basic PHP`

Databases

`MongoDB` `MySQL`

Languages

`JavaScript` `C#` `Java`
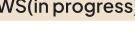
Tools

`Git` `Figma` `Postman`
`Vercel` `AWS(in progress)`

Certifications

C# Fundamentals with ASP.Net | Microsoft

Full-Stack developer curriculum | FreeCodeCamp

UI / UX Design Specialization | Coursera

Volunteer Experience

PR & Media At Mozilla Campus Club Of SLIIT
Active Member   Aug 2023 - Present

Git 101 Bootcamp
Organising Member   Oct 2023 - Dec 2023

Summer Bootcamp
Organising Member   Jan 2023 - Aug 2023

Languages

English   Tamil

Sinhala   Arabic (MSA)

Individual Projects

POS & Supplier Tracking System | Freelance
Individual   🔗 github.com/Abdullah-Rifak

`React` `Node.js` `Express.js` `MongoDB` `Tauri`

- Designed and deployed a cross-platform LAN-based desktop POS system with offline-first architecture
- Implemented secure REST APIs and structured backend logic using MVC principles.
- Architected role-based access control (Admin / Sales) with protected routes.
- Developed modules for inventory tracking, supplier management, expense logging, and profit analytics.
- Managed local MongoDB configuration and application packaging for production-ready deployment.

R & R Lankan Taxi | Freelance
Individual   🔗 Live demo: R & R Lankan Taxi   🔗 github.com/Abdullah-Rifak

`HTML` `CSS` `JavaScript` `Vercel` `UI / UX` `EmailJs` `WCAG Standards`

- Mobile-first responsive UI and clean desktop scaling with a full-width layout
- Domain configuration, DNS setup and deployment on Vercel with HTTPS enabled
- EmailJS integration for contact forms along with WCAG standards to boost accessiblity
- Achieved a Google Lighthouse SEO score of 100, Set up Google Search Console and submitted the sitemap

Waste Auction & Bidding Platform | ASP.NET Core (In Progress)
Individual   🔗 2025–November- present

`C#` `ASP.NET core` `Entity Framework Core` `REST APIs`

- Designed the backend project structure following clean architecture principles
- Defined domain models, role-based access strategy, and API structure for collectors and recycling companies
- Set up Entity Framework Core, database configuration, and initial migrations
- Planned auction lifecycle logic including bidding windows and automatic closure

Academic & Group Projects

Eco-Harvest
Group   🔗 github/frontend   🔗 github/backend

`React` `MongoDB` `Express.js` `Node.js` `Next.js` `Tailwind CSS`

- Developed a role-based, category-specific food listing module to dynamically filter products for companies.
- Implemented role-based, category-specific food listing functionality, ensuring companies only see products relevant to their registered category.
- Applied MVC architecture, RESTful APIs, and clean code practices to deliver a maintainable and scalable system.

Online Event Management System – Meetup
          🔗 github/abdullah-rifak

`Java` `MySQL` `JSPServlets` `HTML` `CSS`

- Developed a role-based web application for creating, scheduling, and managing events with dedicated dashboards for event managers and users.
- Implemented MVC architecture to ensure scalability, and clear separation of concerns..
- Applied clean code practices, structured database design, and RESTful principles.

Online Pet Care System– PetVersa
          🔗 github/abdullah-rifak

`HTML5` `CSS` `PHP` `MySql` `JavaScript`

- developed to connect pet owners and the doctors and seek the appointments from the professional pet doctors
- Implemented the website using Html,CSS, Javascript and php for backend , MySql for database