

# Dilan Dilruksha

ASSOCIATE SOFTWARE ENGINEER

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## PROFILE SUMMARY

Software Engineer (close to 1 year) specializing in ASP.NET Core/Web API, EF Core, SQL Server, and front ends in Angular/React. Deliver cloud-ready services with Docker, Kubernetes, CI/CD (Azure DevOps, GitHub Actions) on Azure & AWS. Strengths in API design, performance tuning, secure auth (JWT/AAD), and Agile delivery with measurable impact.

## WORK EXPERIENCE

### TRAINEE SOFTWARE ENGINEER

JAN '2025 - Present

X Soft Solution Pvt Ltd

- Contributed to ERP-scale systems, including Payment Management, Workforce Management, Document Approval, and Payment Approval Workflows.
- Shipped 25+ REST endpoints** and 20+ Blazor/Angular features for ERP modules (Payments, Workforce, Document Approvals), improving task completion time by **~25%**.
- Optimized** EF Core queries (indexes, projections) to cut P95 API latency by **20–35%** on key workflows.
- Hardened** auth with **Azure AD + JWT RBAC**, reducing auth-related defects to **near-zero** over two sprints.
- Gained hands-on experience in Azure deployments, CI/CD pipelines (**Azure DevOps**), and automated release processes.
- Instrumented** services with health checks & logs, lifting uptime to **99.9%** during the last release window.

## EDUCATION

### BSC (HONS) IN INFORMATION TECHNOLOGY SPECIALIZATION IN SOFTWARE ENGINEERING

Sri Lanka Institute of Information Technology | Malabe

2022 | Present

## PROJECTS

### Iroh Platform - Omnichannel CRM, Commerce and AI Concierge SaaS.

2026

Tech Stack: FastAPI, Python, PostgreSQL, Redis, Celery, WebSockets, Next.js, React, TypeScript, Docker, Meta API,

- Built a multi-tenant SaaS platform for SMBs to manage customer communication, CRM, product catalogs, checkout, invoices, bookings, reservations, public websites, and AI-assisted customer support.
- Developed the backend using FastAPI, SQLAlchemy, PostgreSQL, Redis, Celery, JWT, RBAC, WebSockets, and tenant-based access control for secure and scalable operations.
- Implemented WhatsApp, Instagram, email workflows, commerce modules, booking/reservation flows, website publishing, and AI concierge foundations using embeddings, retrieval, memory, and specialist agents.

### GuruLink - Multi-Tenant Tuition Management SaaS Platform.

2026

Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Node.js, Express.js, Prisma, PostgreSQL, JWT, Zod

- Designed and built a tuition management SaaS platform for institutes, tutors, students, admissions teams, finance teams, administrators, and super admins.
- Implemented tenant-isolated architecture, JWT authentication, RBAC across 7 user roles, student/class management, tutor profiles, enrollments, and role-specific dashboards.
- Developed key modules for fee collection, monthly ledgers, receipts, payment history, outstanding balances, QR/code-based attendance, public class marketplace, inquiries, subscriptions, and package approvals.

## Food Delivery System - Event-Driven Microservices Platform. [↗](#)

2025

**Tech Stack:** Spring Boot, Spring Cloud Gateway, Eureka, Apache Kafka, Angular, PostgreSQL, JWT, Stripe, WebSockets, Docker, Kubernetes, GitHub Actions, AWS, Azure Blob Storage

- Developed a full-stack food delivery platform for customers, restaurants, delivery drivers, and admins using a microservices-based architecture.
- Built services for user management, restaurant/menu management, order processing, payment handling, delivery assignment, notifications, API gateway, and service discovery.
- Integrated Kafka event-driven workflows, JWT/RBAC security, Stripe payments, WebSocket real-time order tracking, GPS delivery updates, Docker, Kubernetes, CI/CD, AWS, PostgreSQL, and Azure Blob Storage.

## EPECPS - Employee Performance Evaluation and Career Progression System. [↗](#)

2025

**Tech Stack:** .NET 8, ASP.NET Core Web API, Angular, TypeScript, SQL Server, Entity Framework Core, Azure Active Directory, Microsoft Identity Web, Swagger, EPPlus, Serilog, Docker

- Built an enterprise employee performance evaluation system for goal tracking, self-reviews, peer reviews, manager reviews, approvals, scoring, reporting, and career progression decisions.
- Developed a layered ASP.NET Core Web API using EF Core, SQL Server, DTOs, services, repositories, Azure AD authentication, RBAC, Swagger, Serilog, and Docker support.
- Created the Angular frontend and reporting workflows for dashboards, evaluation forms, goal management, approval tracking, audit logs, and Excel exports using EPPlus.

## Blood Donation App - Donor Management and Event Scheduling Platform. [↗](#)

2024

**Tech Stack:** ASP.NET Core, Blazor, SQL Server, Entity Framework Core, JWT, MailKit, Swagger/OpenAPI

- Built a blood donation management platform to manage donors, donation events, registrations, blood inventory, notifications, and admin reporting.
- Developed secure REST APIs using ASP.NET Core, EF Core, SQL Server, JWT authentication, Swagger documentation, and role-based access control.
- Implemented Blazor frontend pages, donor registration, event scheduling, event participation tracking, blood type reporting, inventory monitoring, and MailKit email notifications.

## SKILLS

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- **Frontend:** HTML, CSS, JavaScript, TypeScript, Angular, Blazor, React
- **Databases:** MySQL, MongoDB, SQL Server, SharePoint, Oracle, PostgreSQL
- **Backend:** C#, ASP.NET Core, Node.js, Firebase, Express, PHP, Spring Boot, Java, Kotlin, Python, Web API
- **Cloud & DevOps:** Azure, AWS, Docker, Kubernetes, CI/CD, Git, Terraform,
- **Professional skills:** Problem-Solving, Teamwork, Leadership, Communication Skills

## CERTIFICATIONS & ACHIEVEMENTS

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### Microsoft Certified: Azure Fundamentals (AZ-900) [↗](#)

2025

## VOLUNTEER EXPERIENCE

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### **Incoming Global Talent - (iGT)**

Team member | AIESEC, SLIIT

2024