

Dineth Jayanga

Software Engineer · Colombo, Sri Lanka

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SUMMARY

Software engineer working across .NET and Java microservices, Auth0 and Keycloak identity, database design and Azure infrastructure. Manages a development team at Expernetic. BEng in Software Engineering, First Class Honours.

EXPERIENCE

Associate Software Engineer, Expernetic (Pvt) Ltd Jan 2025 — Present

- Architect and develop high-scale .NET microservice platforms using Clean Architecture, CQRS and MediatR.
- Design databases and data access on SQL Server: schema design, stored procedures and Dapper.
- Build identity, authentication, authorization and role-based access control with Auth0 and Keycloak for a multi-tenant architecture.
- Integrate Stripe payments and subscription billing workflows.
- Oversee the Azure Portal ecosystem and infrastructure strategy, with Docker, Kubernetes and Helm deployments.
- Engineer automated CI/CD pipelines with GitHub Actions to shorten deployment cycles, alongside testing and release management.
- Manage a development team, turning complex requirements into work the team can plan, build and release on time.
- Lead logical system design so the platforms stay resilient and cloud-native as they grow.

Associate Software Engineer, RapidM3 (Pvt) Ltd May 2024 — Oct 2024

- Built and maintained microservice applications with Spring Boot.
- Handled deployments and coordinated delivery within an Agile team.
- Took on team management alongside development.

Intern Software Engineer, RapidM3 (Pvt) Ltd Oct 2023 — Apr 2024

- Hands-on delivery across Java, Spring Boot, React and SQL.
- Worked in Agile sprints with Jira from day one.

SKILLS

Languages: C#, Java, TypeScript, JavaScript, SQL

Backend: .NET, Spring Boot, Microservices, REST API design, Stripe billing

Architecture: System design, Microservices architecture, Clean Architecture, CQRS, MediatR, Multi-tenant design

Auth & security: Auth0, Keycloak, Authentication, Authorization, Role-based access control

Tools: Git, Postman, Software testing

Exploring: Machine learning, AI engineering, Prompt engineering

Frontend: React, Next.js, Angular, HTML / CSS

Databases: Database design, SQL Server, MySQL, Stored procedures, Dapper

Cloud & DevOps: Azure, Azure infrastructure, Docker, Kubernetes, Helm, CI/CD pipelines, GitHub Actions, YAML deployments

Leadership & PM: Team management, Project management, Client relationships, Requirements analysis, Agile / Scrum, Jira, Technical documentation, Release management

Project work: Python, PHP, C, C++, Tailwind CSS, Material UI, Figma, Android, Firebase, SQLite, Arduino

EDUCATION

BEng in Software Engineering, London Metropolitan University — First Class Honours 2024 — 2025

Higher National Diploma in Software Engineering, NIBM (GPA 3.77) 2023 — 2024

Diploma in Software Engineering, NIBM (GPA 3.75) 2022 — 2023

Diploma in English, ICBT (Distinction) 2020 — 2021

Diploma in Information and Communication Technology, ICBT (Merit) 2020 — 2021

G.C.E. Advanced Level, St. Aloysius' College, Galle (Pass) 2020

PROJECTS

Enterprise microservices platform — client / confidential

A high-scale, cloud-native platform delivered as .NET microservices on Azure.

Aquinas LMS & CMS — client / confidential

A learning and content management system that centralises student records, enrolment, grading and course content, with payment management built in.

Mount Baptist Kenya — Church Management — client / confidential

A platform for diocese- and church-level operations covering membership, events, contributions and payments.

Mount Baptist Kenya — CMS — client / confidential

A content management system for an institution that centralises student information and simplifies enrolment and grading.

Accomate — Boarding Finder — Web platform · React + Node.js

A boarding-accommodation finder that connects people with affordable places near their workplace or university. Sole developer. Designed and built the whole platform: the React client, and the Node.js and Express API with MySQL and Firebase.

BookBreeze — Web application · .NET API + React

A library management web app split into a REST API and a typed React frontend. github.com/DinethJaay/BookBreeze-Backend · github.com/DinethJaay/BookBreeze-Frontend

Galle City Assistance Chatbot — AI · Python

A chatbot that answers questions about city services by classifying the intent of each message. github.com/DinethJaay/Galle-City-Assistance-Chatbot

Water Level Monitoring — IoT · Android + ESP8266

Monitors a tank with water-level sensors and shows the level live in an Android app, with a pump motor on the controller.

Digitized Child Health Development Record — Higher National Diploma final project

Digitises the Child Health and Development Record Book across the whole MOH system, delivered as mobile, web and Windows applications. github.com/DinethJaay/MOH-Web · github.com/DinethJaay/Child-Development-Record-Book-Mobile-App

BookHaven — Windows desktop application

A book shop management system for Windows, backed by SQL Server. github.com/DinethJaay/BookHaven

Coconut Cultivation & Marketing Platform — Diploma final project

An e-commerce platform where sellers list coconut products, buyers purchase them and cultivators get growing advice. github.com/DinethJaay/CoCo-ME

Book Shelf — Android application

Book shop management app: stock and categories for the owner, accounts and order tracking for customers. github.com/DinethJaay/Book_Shelf_Mobile_Application