



Naveen Dharmathunga

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Profile

Inquisitive and systems-focused Software Developer with a passion for building the foundational tools and frameworks that empower other developers. Specialized in .NET and C#, with a deep interest in performance optimization, parallel computing, and system-level interaction. Eager to apply a framework-oriented mindset—analyzing performance trade-offs, designing robust APIs, and packaging reusable libraries—to build efficient and scalable systems. Brings a unique perspective from collaborative hobby projects, including developing open-source NuGet packages and modding complex game engines, demonstrating a capacity for tackling intricate technical challenges.

Skills

- CLOUD TECHNOLOGIES

Azure (VM, DevOps, Cosmos DB)	GCP (BigQuery, Dataproc, Databricks)
PROFESSIONAL	LIMITED

- LANGUAGES

C#	Python	JavaScript & TypeScript
PROFESSIONAL	PROFESSIONAL	

- FRAMEWORKS & LIBRARIES

.NET (7, 8, 9)	Entity Framework	WinAppSDK (WinUI)	Angular & Vue.js
PROFESSIONAL	PROFESSIONAL		

Apache Spark, Pandas
PROFESSIONAL

- DATABASES

MS SQL Server	MySQL
PROFESSIONAL	PROFESSIONAL

- VCS

Git GitHub	Bitbucket	Azure DevOps
PROFESSIONAL	PROFESSIONAL	PROFESSIONAL

Work Experience

06/2024 – 12/2024
Melbourne, Australia

Backend Developer – Intern

App 360

Technologies: C# (ASP.Net), ADO.Net, MS SQL Server, Swagger & Postman, Bit Bucket

- Engineered a refactored reporting system for FitTrack360, automating 5 monthly reports and accelerating query execution by 50% through optimized database structures and cron job automation.
- Normalized database tables to enhance data integrity, resulting in a 25% reduction in query execution times.
- Integrated Firebase Notification API into Work360, enabling real-time messaging that significantly boosted user engagement.
- Fortified POS360 API security by implementing JWT authentication and API versioning, and documented endpoints with Swagger UI.
- Developed scalable backend solutions that reduced API response times from 10s to



Work Experience

11/2023 – 05/2024
Colombo 9

2s during peak operations.

Software Engineer - Intern

SimCentric Technologies

Technologies: C#, WinAppSDK (WinUI), XAML, Entity Framework, SQL Lite, Microsoft Community Toolkit, JFROG, Jira, Bit Bucket, Confluence

- Architected the migration of legacy systems to WinUI 3, improving application scalability and architectural robustness.
- Designed and implemented an add-on store integrated with a user profile system, increasing platform usage by 25%.
- Built a data processing engine using SQLite and Entity Framework, establishing efficient ETL pipelines for application data.
- Prototyped a modern UI and resolved critical bugs, leveraging advancements in the .NET ecosystem.



Projects

11/2023 – 05/2024

Project Leader, Backend & Unity Developer

DineEase | Customer experience optimizer and sales management system

Technologies: C# (ASP.Net), Unity, Blender, ARCore, Three.Js, WebGL, Vue.Js, MS SQL Server | Deployment: Azure VM

- Led development of a 3D interactive menu using Unity and ARCore to enhance customer engagement.
- Designed the MS SQL Server database schema and built user management APIs with ASP.NET.
- Created a real-time 3D table mapping system using Three.js and WebGL, improving table availability tracking.



Education

05/2021 – 05/2024
Colombo 7

Computer Science | B.Sc.

University of Colombo School of Computing

Relevant Courses: Software Engineering, DSA, OOP, Rapid Application Development, Databases, Human Computer Interaction, Middleware Architecture

04/2015 – 08/2019
Colombo 7

Mathematics | GCE A/L

Royal College

Results: ABC



Certificates

08/2024

Complete C# Masterclass

Udemy

<https://www.udemy.com/certificate/UC-b30aa30e-9a93-44f2-9d09-67db198cf65b/>

07/2024

Data Engineering Essentials using SQL, Python, and PySpark

Udemy

<https://www.udemy.com/certificate/UC-bb6282fa-42ef-4ebc-8a32-9215b8537764/>

09/2023

DevOps Foundations

LinkedIn Learning

<https://www.linkedin.com/learning/certificates/3f4908fdc852ebac8fc8351e6e1048d608eff3930c8829c3749a92bf68b92613>



Volunteering

06/2023 – present

Cyberpunk Mod Developer

Nexus Mods

- Developed C++/Redscript mods for Cyberpunk 2077 that fixed critical bugs and improved game performance
- Collaborated with professional developers to enhance in-game environments and NPC behaviors

Technologies: C++, Redscript, LUA, WovlenKit, RedEngine 4

03/2023 – 11/2023

Web Administrator

Leo Club of University of Colombo

- Developed and maintained the club website, enhancing online presence and member engagement
- Implemented a monthly newsletter system that increased event participation by 30%



Strengths

Problem Solving

Collaboration

Communication

Adaptability

Creativity



Social Media



@dasheewd



/D-Naveenz



@dasheewd