

Shriraam Nagarajan

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SKILLS

Backend Development: ASP.NET Core MVC, ASP.NET Core API, C#, Java, Python

Frontend Development: HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, TypeScript, Angular

Database: SQL Server, SQLite, MySQL, Oracle SQL Database, NoSQL (MongoDB, Cassandra)

Cloud Technologies: AWS (Amazon Web Services), Microsoft Azure

Soft Skills: Interpersonal Communication, Self-Learning, Problem Solving, Research Skills

EDUCATION

Asia Pacific University of Technology and Innovation (APU)

Kuala Lumpur, Malaysia

Bachelor of Science (Honors) in Software Engineering, Grade: First Class Honors

2021-2024

Asia Pacific University of Technology and Innovation (APU)

Kuala Lumpur, Malaysia

Foundation Degree in Computing & Technology,

2020 – 2021

EXPERIENCE

Fusion QB Sdn. Bhd

Kuala Lumpur, Malaysia

Software Development Intern

August 2023 – November 2023

- **Sunway Winstar (B2B e-commerce):** Developed using NopCommerce, refined UI layouts, and implemented multilingual support.
- **FusionQB Career Page:** Led full-stack development, integrated email submission with SMTP, enhanced security using ReCaptcha.
- **ISP Genting Web Project:** Improved UI elements and responsiveness, integrated SVG programming for interactive site images.
- **Triterra Loyalty Platform:** Implemented database enhancements and CRUD functionality using ASP.NET Core and Bootstrap.

CERTIFICATIONS & LICENSES

AWS Certified Cloud Practitioner | Azure Developer Associate | Meta Certified Database Engineer | LPI Linux Essentials

HONORS & AWARDS

Vice Chancellor's List (2022/2023) | Leadership Award 2020 | APU Merit Scholarship Award 2020 | JPA Scholarship Award 2020

PROJECTS

CoSmellRefine(Final Year Project) | [GitHub Link](#)

May 2024 – September 2024

- Developed CoSmellRefine, a web-based platform for ecode smell identification and resolution using cloud-based crowdsourcing and interactive learning. Built with ASP.NET Core MVC, SignalR, and SQL Server, it includes real-time collaboration features and a dynamic, responsive interface with jQuery, AJAX, and Bootstrap, integrated with Azure Cloud for storage and management.

Customer Management Web Application | [GitHub Link](#)

May 2024 – June 2024

- Created a customer management app using Angular and ASP.NET Core API. Added unit tests with Jasmine and Karma.

KindnessAPI | [GitHub Link](#)

May 2024 – June 2024

- Developed an API to provide random acts of kindness using ASP.NET Core API, SQL Server, and JWT-based authentication.

Database Projects

January 2021 – January 2024

- **TravelSafe Airline System (SQL Server):** Complete optimized airline ticketing system database with advanced constraints, triggers, and stored procedures for managing reservations, flights, and payments. [GitHub Link](#)
- **Restaurant Database System (MySQL):** Optimized database solution for restaurant operations. [GitHub Link](#)
- **Online Bookstore Database System (SQL Server):** Built a database for book inventory and sales tracking. [GitHub Link](#)