

# Shriraam Nagarajan

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## SKILLS

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**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

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**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

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**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

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

## HONORS & AWARDS

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

## PROJECTS

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**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](#)