

# Hideki Yanagawa

Phone: (+60) 1137381809  
Website: <https://hideki-dev.com>

Email: [HidekiYanagawa337@outlook.com](mailto:HidekiYanagawa337@outlook.com)

## EDUCATION

**Taylor's University – School of Computing**  
Diploma in Information technology (CGPA: 3.26)

March 2017 – April 2019

**Taylor's University – School of Computing**  
Degree in Computer Science (CGPA: 3.31)

April 2019 – July 2021

## EXPERIENCE

**Gussmann Technologies**  
**Developer**

September 2021 - Present

- Led development of an AI-powered Transport Management System (TMS) using .NET Core, React, and [Next.js](#)
- Experimented with GPT-powered smart dispatch tools, and deployed real-time exception handling dashboards
- Collaborated in a team to develop a logistics system using .NET Core and the ABP framework
- Designed and implemented live data streams for GPS tracking APIs and frontend interfaces using Blazor
- Promoted to Head Developer for the Transport Management System project
- Actively participated in the hands-on development of all systems, including those using React and Next.js
- Migrated all frontend interfaces to Next.js and React, utilizing TypeScript for enhanced performance and maintainability
- Assembled and led a development team of 6 to create a transport management system employing microservice-based event-driven architecture, Net Core, Next.js, and React
- Directed the team in UI development using React, Next.js, and TypeScript
- Implemented data reporting dashboard using Chart.js and React
- Implemented data reporting using ActiveReportsJS and React
- Integrated Tailwind CSS and Shadcn with React and Next.js to enhance UI development
- Conducted testing and implemented experimental features to improve system functionality
- Researched and developed live data reporting to monitor and report data related to location, fuel consumption, speed, and journey management
- Upgraded existing systems to new platforms with enhanced features utilizing .NET Core 6
- Provided support for system testing and bug fixing
- Implemented event-driven modules and integrated RabbitMq for async job processing.
- Developed REST APIs and reporting dashboards using ChartJs, ActiveReportsJs and custom GPS integrations.
- Deployed real-time features for route tracking, fuel monitoring, and exception alerts.
- Integrated CI/CD workflows via Azure DevOps, and containerized services using Docker.

**Fusionex**

March 2016 - March 2017

*Software Developer*

- Delivered full-stack solutions across domains: social media, agriculture tech, insurance, and big data analytics.
- Developed scalable backend APIs using .NET Core, .NET Framework, Node.js, and SQL Server.
- Built responsive UIs with JavaScript, HTML, and CSS; collaborated closely with UI/UX teams.
- Developed mobile applications with Xamarin for enterprise field operations.
- Sourced biometric fingerprint readers and hardware components; liaised with global suppliers and integrated hardware with software platforms.
- Implemented secure authentication systems using biometric and smart card hardware.
- Engineered real-time streaming and media platforms using modern UX and backend design.
- Worked on insurance systems, supporting data compliance and business logic for financial workflows.
- Maintained and optimized big data pipelines using Java, SQL, and distributed system tools.
- Collaborated with cross-regional teams across Malaysia and Thailand, contributing to agile delivery.
- Led and executed QA, performance testing, and debugging to ensure production-grade reliability.
- Authored technical documentation and supported onboarding through knowledge-sharing sessions.

**Arian Motors Zimbabwe**

January 2015 - October 2015

*Automotive Mechanic*

- Worked on servicing Japanese made vehicles
- Worked on tyre alignment and balancing

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**EXTRACURRICULAR**

- Summer course, Upper-Intermediate English at British Council
- Online Course, Oracle Certified Professional, MySQL Database Admin
- Online Course, Database Administrator (DBA)
- Online Course, Zed Certified PHP Engineer
- Online Course: Unreal Engine 5 - Learn to Create Professional Cinematics
- Online Course: Socket IO Complete Programming Guide (JWT,Redis)
- Online Course: Film school - Cinema 101

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**ADDITIONAL**

**Technical:** Nodejs, Angularjs, ASP.NET Core, .NET Framework, PHP, JAVA, Javascript, Solidity, HTML, CSS, C, Unity Engine, Unreal Engine

**Languages:** Native in English

**Interests:** Video Editing, Puzzles, Robotics, Electronics, Video game development, Working out

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**REFERENCE****Candice Chong.**

(012) 6311026

Project Manager (Gusmann Technologies)

**Kok Haw**

(012) 3770903

Software department manager (Gusmann Technologies)

**James Martin**

(017) 2007105

Director (Fusionex)

**Dr. Tan**

(012) 4108320

Object Oriented Programming Lecturer of Taylor's University

