

# NUR AKMAL BIN JALIL

SOFTWARE ENGINEER / GAME PROGRAMMER

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## Work Experience

November 2021 – Present	<b>INSCALE SEB ADC</b> <b>Position: Software Developer</b> <ul style="list-style-type: none"><li>- Develop web API for Advisory Booking System</li><li>- Develop Advisory Booking System</li><li>- Execute full software development life cycle using Azure Pipeline</li></ul> <b>Technology:</b> <ul style="list-style-type: none"><li>- .NET 5</li><li>- Angular 10 &amp; 12</li><li>- MS SQL Server</li></ul>
September 2021 – October 2021 (2 Months)	<b>Rymnet Solution</b> <b>Position: Web Developer</b> <ul style="list-style-type: none"><li>- Maintain HRMS System</li><li>- Update system with new features asking by clients</li></ul> <b>Technology</b> <ul style="list-style-type: none"><li>- ASP VB.NET</li><li>- Azure SQL Server</li></ul>
July 2020 – September 2021 (1 Year and 2 months)	<b>N2N Connect Sdn Bhd</b> <b>Position: Software Engineer</b> <ul style="list-style-type: none"><li>- Develop web API for news and fundamental website.</li><li>- Develop fundamental and news website.</li><li>- Develop new trading platform.</li><li>- Develop WebSocket.</li><li>- Execute full software development life cycle (SDLC)</li><li>- Develop flowcharts, layouts, and documentation to identify requirements and solutions.</li><li>- Write well-designed, testable code.</li><li>- Integrate software components into a fully functional software system.</li><li>- Develop software verification plans and quality assurance procedures.</li></ul>

	<ul style="list-style-type: none"> <li>- Document and maintain software functionality.</li> <li>- Collaborate with internal teams to fix and improve products.</li> <li>- Document development phases and monitor systems.</li> <li>- Ensure software is up to date with latest technologies.</li> </ul> <p><b>Technology:</b></p> <ul style="list-style-type: none"> <li>- ASP Net Core 3.1</li> <li>- PostgreSQL</li> <li>- Vue JS 2 &amp; 3</li> <li>- Electron</li> <li>- RabbitMQ</li> </ul>
Feb 2019 – May 2019 (4 Months)	<p><b>Game Taiko (Internship)</b>  <b>Project: Say Cheese</b>  <b>Position: Game Programmer</b></p> <ul style="list-style-type: none"> <li>- Appoint as game programmer for the project.</li> <li>- Responsible to develop 3D android mobile game for kids under 10 using Unity Engine.</li> <li>- Learn to work as a team.</li> <li>- Using a version control software to manage the development.</li> </ul> <p><b>Technology:</b></p> <ul style="list-style-type: none"> <li>- Unity Game Engine</li> <li>- Firebase</li> </ul>

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## Education

Nov 2016 – March 2020 (3 years)	<p><b>Multimedia University Cyberjaya</b>  Course: Bachelor's degree of Computer Science  Major: Game Development  CGPA: 3.05</p>
2007 - 2008	<p><b>Sekolah Menengah Sains Alam Shah</b>  Level: SPM  Result: 10A</p>
2004 - 2006	<p><b>Sekolah Menengah Kebangsaan Dato' Onn</b>  Level: PMR  Result: 8A</p>

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## Projects

### Global Index and Currency Web Socket

Platform: Website

Technologies:

- Asp Net Core 3.1
- Docker
- RabbitMQ

Description:

A web socket for real time global index and currency for Mandiri Bank client

### **Financial Fundamental Website**

Platform: Website

Technologies:

- PostgreSQL 13 Database
- Asp Net Core 3.1
- Vue JS
- Docker

Description:

- A website for financial fundamental provided from Morning Star.

### **Let's Go Recycle (Final Year Project)**

Platform: Android

Language: C#

Description:

- An Augmented Reality (AR) board game to teach kids about recycling.
- Develop using Unity Game Engine.
- Used android as main platform.

Github repo: <https://github.com/nurakmaljalil91/Augmented-Reality-Board-Game>

### **Say Cheese**

Platform: Android

Language: C#

Description:

- A mobile android game for kids under 10.
- Develop using Unity Game Engine.
- Winner of DICE 2019 Game Prototype by MDEC.

Github repo: <https://github.com/nurakmaljalil91/Say-Cheese-Update-Version>

### **Cbit Game Engine**

Platform: Windows, MAC, Linux

Language: C++

Description:

- A custom game engine that allows the user to create 3D and 2D game for multiplatform.
- Develop using OpenGL and SDL.
- A personal project

Github repo: <https://github.com/nurakmaljalil91/cbit-game-framework>

### **Portfolio Page**

Platform: Web Browser

Language: HTML, JavaScript, & CSS

Description:

- A portfolio page for my own portfolio.

Github repo: <https://github.com/nurakmaljalil91/profile-page-3>

### **Recipe App**

Platform: Android

Language: Kotlin

Description:

- A simple user app shows all the recipe.
- Can find recipe through filter
- Can add and modify recipe

Github repo: <https://github.com/nurakmaljalil91/recipe-app>

### **Financial Web App**

Platform: Web application

Language: ASP.NET C# Core with Vue JS framework

Database: PostgreSQL

Description:

- A simple web app to record, update personal financial.
- Using ASP.NET C# with Vue JS framework as frontend.

Github repo: <https://github.com/nurakmaljalil91/personal-finance-app>

### **Chess Game**

Platform: Window, Mac, Linux

Language: LibGX Java

Description:

- A Chess game using Java.

Github repo: <https://github.com/nurakmaljalil91/java-zeelandia-chess-assignment-in-libgx>

## **World Time**

Platform: Android / IOS

Language: Flutter Dart

Description:

- A simple app to show time from other countries.
- Learning Flutter

Github repo: [https://bitbucket.org/arcmole007/world\\_time/src/master/](https://bitbucket.org/arcmole007/world_time/src/master/)

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## **Technical Skills**

### **Programming Language**

C++, C#, VB, Java, Python, HTML, PHP, JavaScript, Typescript, CSS, Dart, Rust

### **Framework**

ASP.NET Core 3.1, NET 7, Spring Boot, React, Laravel, Flutter, Vue.js, OpenGL, SFML, SDL 2, Rocket

### **Database**

PostgreSQL, Microsoft SQL Server, MySQL, SQLite, Firebase, Redis

### **Microsoft**

MS Word, Excel, PowerPoint

### **Game Engine**

Unity, Unreal, Godot

### **DevOps (CI/CD):**

Docker, Docker Compose, Git, Linux, Azure Devops

### **Others:**

RabbitMQ, Adobe Photoshop, Latex, Markdown,

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## **Certificates**

MTA: Introduction to Programming Using Python - Certified 2019 from Microsoft

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## **Languages**

Bahasa Melayu – Native

English – Fluent

IELTS: 7.5

MUET: 4

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