SANYAPOOM SIRIJIRAKARN

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🌐 checkman123.github.io

SKILLS

LANGUAGES: C#, JavaScript, TypeScript, C++, Java, GDScript, SQL
FRAMEWORK: .NET, Microsoft SQL Server, Entity Framework Core, ReactJS
TOOLS: Git, xUnit, NSubstitute, JQuery, Jest, Postman
DATABASE: SQL (MSSQL, PostgreSQL), NoSQL (MongoDB, GraphQL)
OTHERS: Azure DevOps, Umbraco CMS, Microsoft Office, Adobe Photoshop/Illustrator, Figma, Tableau, Godot, NodeJS

EMPLOYMENT

IT Application Developer — Nov. 2022 - Present
Washington State University – Pullman, Washington

- Developed and maintained full-stack web applications with C#, .NET Core (MVC, Blazor), and Azure DevOps
- Migrated .NET Framework/WinForm projects to .NET Core 8/9, improving application performance, compatibility, and security
- Optimized database queries using LINQ and Entity Framework to improve performance
- Integrated Okta with OpenID Connect for authentication and authorization, enhancing security and user management
- Implemented data wrangling with stored procedures, resulting in 86% reduction in run time
- Utilized SwaggerUI for documentation purposes, ensuring clear and comprehensive API documentation
- Identified and indexed key database tables for significant performance improvements, reducing query response times
- Implemented dynamic report generation features, enabling users to download data as CSV and PDF files.
- Developed a full stack web application, Watch Dog, to monitor URL and TCP connections and issue alert emails to Teams Chat channels
- Applied usability practices, user interface design, and accessibility (508) standards, ensuring user-friendly and accessible applications
- Unit test with xUnit
- Applied RestAPI and SOLID principles to design and build an efficient Restful API, replacing several legacy libraries.

React Developer — May 2022 - Nov. 2022
Antra Inc. - Remote

- Integrated React with backend APIs to fetch and display real-time data, enhancing the functionality of the applications
- Utilized React Redux for state management, ensuring efficient data flow and improving application performance
- Unit test with Jest and React Testing Library
- Designed UX/UI layouts and prototypes using Figma

Front-end Developer Intern — June 2020 - Sept. 2020
Smart Multimedia Solution Co. - Bangkok, Thailand

- Created reusable components to improve code maintainability and scalability and documented them in Storybook
- Integrated data visualization using HighchartsJS, enhancing the clarity and insightfulness of information presentation for end-users

EDUCATION

Seattle Pacific University - BS in Computer Science — Feb. 2019 - Mar. 2022
Edmonds Community College - Science Transfer Track 2 AS — Sept. 2014 - Nov. 2018

CERTIFICATION

Game Development Certificate Edmonds Community College — July 2018