Maik G. Rantetasik

Full Stack Developer

I am an experienced Full Stack Developer with a passion in architecture and software design. I have passion for exploring and researching new technologies. I am looking for a job where I can push the boundaries of technology.

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SKILLS

C# | Java | SQL | MongoDB | NodeJS | VueJS | HTML | CSS | Javascript | .NET Core 2 | ASP.NET MVC 5

Android | Microsoft Azure

WORK EXPERIENCE

Full Stack Developer
Creativity Synergism Technoindo, Ltd (PT. Kreatifitas Sinergisme Teknoindo)

06/2017 – Present

Achievements/Tasks

- Leading the migration of a web app platform in .NET MVC5 to VueJS, reducing the average page load time from 5 seconds to 1 second.
- Designed and led the development of an app to track user's company stock and production. Built android app using Java in Android Studio, web app in C# using .NET MVC5 and JQuery, API using .Net Core 2, and database using SQL Server.
- Collaborated with a Tech Lead in Australia to develop an application to automatically parse multiple text files into one spreadsheets file in less than10 seconds, saving 3 man-hours a day. Built in C# using .NET Framework.
- Wrote SQL stored procedures in SQL Server to automatically build scripts from any stored procedures on any database which saved 10 hours a week of manually updating the database on multiple environments.
- Reduced average build and deployment time from 4 hours to under 15 minutes by integrating Azure CICD, unit test, and file patch into the build pipeline.
- Wrote unit tests using XUnit with over 95% code coverage for all applications.
- Initiated and organized knowledge sharing sessions twice a week among colleagues to encourage an environment of continuous learning.

Information Systems Consultant
Nation Freegold, Ltd (PT. Kencanamandiri Ulinusantara)

08/2015 – 02/2017

Achievements/Tasks

- Led a team of consultants, managed task allocation, and ensured quality of work.
- Developed a performance scoring web app in C# using .NET MVC 5 to be used in more than 10 state-owned institutes.
- Developed a Java app to automatically merge worksheets in Microsoft Excel, saving more than 30 hours of manual labor a week.
- Personally met with clients to negotiate and discuss deadlines, requirements, and policies.

PERSONAL PROJECTS

Adventure game with procedurally generated maze for game development Hackathon
- Successfully released a procedurally generated maze adventure game made from scratch in C# using Unity3D in three days.
- Researched various games and analyzed variety of ways in creating a procedurally generated game, such as simple randomization, Djikstra's algorithm, and D* algorithm.
- Implemented A* path-finding algorithm to make enemies walk towards the player in the maze.

Online two-player game on Android inspired by Guess Who
- Developed an online two-player Android game in Java using Android Studio. The game distributes a set of cards to the players, and they have to guess a specified card from each other.
- Implemented subscriber design pattern to determine player turns.
- Wrote a server app using Javascript and hosted it on Heroku to manage connections between multiple players.

Web crawler bot with auto-translation feature
- Developed a web crawler to parse content from a Japanese wiki site in Javascript using ExpressJS and Request. Utilized MongoDB to store the data.
- Developed a discord bot in Javascript using NodeJS that displays a snippet of the fetched wiki data.
- Implemented a feature to translate simple Japanese words into English to help user understand wiki content better.
- Implemented a feature for users to easily edit and submit text to improve the quality of wiki content.
- Used by over 100 people.

EDUCATION

BS in Computer Science
President University, Indonesia