Personal details

Name:	Kevin Mark Andrada
Role:	Senior Fullstack Developer / Senior .Net Developer
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Language:	English (fluent)

Profile

Kevin is a skilled professional with more than 7 years of experience in Software Development. Kevin is skilled in C# programming language, .NET framework, .NET Core and related technologies and is moreover proficient in developing web, desktop, and mobile applications using different IDEs and tools. He possesses excellent analytical, problem-solving, and communication skills, enabling him to confidently work in a team environment and deliver high-quality software solutions.

Skills

Backend		Frontend	
C#	★ ★ ★ ★ ★	VueJS	★ ★ ★ ★ ★
ASP.NET	★ ★ ★ ★ ★	AngularJS	★ ★ ★ ★
.NET Framework	★ ★ ★ ★ ★	ReactJS	★ ★ ★ ★
.NET Core	★ ★ ★ ★ ★	TypeScript / Javascript	★ ★ ★ ★
MVC	★ ★ ★ ★ ★	ExtJS	★ ★ ★
Azure Cloud Services	★ ★ ★ ★	JavaScript	★ ★ ★ ★ ★
Bootstrap	★ ★ ★ ★	HTML/ CSS	★ ★ ★ ★ ★
VB.NET	★ ★ ★ ★	Bootstrap	★ ★ ★ ★ ★
		jQuery	★ ★ ★ ★ ★
Databases		Material UI	★ ★ ★
MSSQL	★ ★ ★ ★ ★		
Entity Framework / Core	★ ★ ★ ★ ★	**Tools & Software**	
PostgreSQL	★ ★ ★ ★ ★	GIT (GitHub, GitLab, GitBucket)	★ ★ ★ ★ ★
Azure SQL	★ ★ ★ ★ ★	Visio	★ ★ ★ ★ ★
SQLLite	★ ★ ★ ★	Draw.io	★ ★ ★ ★
Redis	★ ★ ★ ★	JIRA, Confluence	★ ★ ★ ★
		Linux (Debian, Ubuntu, CentOS)	★ ★ ★ ★
CloudOps/ DevOps		Nginx	★ ★ ★ ★
Azure Cloud / DevOps	★ ★ ★ ★		
Digital Ocean	★ ★ ★ ★	**Testing**	
Docker	★ ★ ★ ★	xUnit	★ ★ ★ ★ ★
Kubernetes	★ ★ ★ ★	MOQ	★ ★ ★ ★ ★
Pusher	★ ★ ★	NUnit	★ ★ ★ ★
Kafka	★ ★ ★		
GitLab CI/CD	★ ★ ★	**Other**	
DigitalOcean		Agile SCRUM	★ ★ ★ ★ ★
		JSON/ XML	★ ★ ★ ★ ★

Education

Bachelor of Science in Information and Communications Technology
Pangasinan State University

Employment History

	Role:	**FullStack Software Engineer**
	Period:	**Dec 2021 – Present**
	Employer:	**Booth & Partners**

Booth and Partners specialize in smart tailored outsourcing and HR solutions which deliver high-quality results with reduced operating costs for companies of all sizes across a wide range of industries.

IT Service Management Migration (5 months)
Only developer that worked on the integration of REST APIs in the Spirit Telecom Solutions (Australia) company. Kevin integrated REST APIs for Microsoft Dynamics Sales CRM and ServiceNow, which synchronizes the data to the platforms respectively. These automates the customers, contacts, requests, cases, demands, projects and products entity data to be created, updated to different platforms – CRM (Microsoft Dynamics Sales), ITSM (ServiceNow) following the requirements on an Agile SCRUM methodology.

Technologies: *C#, .Net Core, RESTful API, ASPNET MVC, Unit Tests, Entity Framework Core, LINQ, SOLID Principles, Azure Functions, Azure DevOps, Microsoft Power Automate, Dynamics Sales, ServiceNow*

Finance and Billing System Migration (5 months)
Only developer that worked on the integration of REST APIs in the Spirit Telecom Solutions (Australia) company. Kevin integrated REST APIs for Microsoft Dynamics Finance and Operations into Microsoft Dynamics Sales CRM, which synchronizes the data to the platforms respectively. These automates the customers, contacts, quotes, vendors, products, sales orders, purchase orders, projects and billing subscriptions entity data to be created, updated to different platforms – CRM (Microsoft Dynamics Sales), Finance (Microsoft Dynamics Finance and Operations) following the requirements on an Agile SCRUM methodology.

Technologies: *C#, .Net Core, RESTful API, ASPNET MVC, Unit Tests, Entity Framework Core, LINQ, SOLID Principles, Azure Functions, Azure DevOps, Microsoft Power Automate, Dynamics Sales, Dynamics Finance and Operations*

Data Replicator (2 months)
Only developer that worked on this project for transferring Microsoft Dynamics Sales CRM data into Azure SQL data warehouse. Kevin migrated existing data replicator which is costing the company thousands of dollars with a cost-effective in-house built solution that automates the data to be upserted into the Azure SQL data warehouse. This serves as a backup data warehouse and also used in some of the reporting purposes.

Technologies: *C#, .Net Core, RESTful API, ASPNET MVC, Unit Tests, Entity Framework Core, LINQ, SOLID Principles, Azure Functions, Azure DevOps, Dynamics Sales, OData API*

CRP (Customer Repair Program) Portal Project (1 month)

The CRP (Customer Repair Program) Portal project aimed to provide a simple web application for customers to place service orders for their gadgets such as laptops. The project aimed to solve the problem of customers needing an effortless way to place a service order for their gadgets. The functionalities of the project included allowing customers to place a service order to the client for gadget repair, make payments, and receive automatic email confirmation of their order.
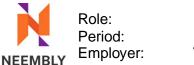
Technologies: C#, .Net Core, RESTful API, ASPNET MVC, Unit Tests, Entity Framework Core, LINQ, SOLID Principles, Azure Functions, Azure DevOps, Dynamics Sales, AngularJS, Typescript, Javascript, NodeJs

REST API Integrations (entire employment)

In a team of 2 developers, Kevin integrated REST APIs, which was a data automation solution which aimed to provide efficient and effective data processing for businesses. The project addressed the challenge of integrating data from various third-party APIs such as NetSuite, Selcomm Billing, Autotask, Microsoft Dynamics Sales CRM, ITQ Quoter and EmploymentHero. These projects containing new features for the enhancements, built REST APIs from scratch, and supporting end-users.

Technologies: C#, .Net Core, RESTful API, ASPNET MVC, Unit Tests, Entity Framework Core, LINQ, EF DB Migrations, SQL, SOLID Principles, Azure Functions, Azure SQL, Azure DevOps, AngularJs, NodeJs, Typescript, Javascript, Microsoft Power Automate, Autotask, NetSuite, Selcomm, Dynamics Sales, Dynamics Finance and Operations, ServiceNow

Responsibilities:

- Proposed better solutions for the projects.
- Supported on customer transactions and queries.
- Migrated old versions of Azure Functions and .NET Core into latest supported version to prevent security and bugs issues from the older versions.
- Main developer of the REST API integration for Finance, Billing, ITSM, Data Replicator systems.
- Developed REST APIs for data exchange using C#, .NET Core, LINQ, Entity Framework / Core, and MS Azure SQL
- Write Unit Tests to ensure code quality and reliability.
- Performed database tasks like EF DB Migrations and SQL query optimization.
- Adhere to SOLID principles for clean and maintainable code.
- Utilizing Azure Functions for serverless computing.
- Worked with Azure SQL for cloud-based database solutions.
- Deploy and manage applications on Azure using Azure DevOps.
- Developed front-end interfaces using Angular JS, NodeJs, Typescript and Javascript.
- Ensuring responsive design and cross browser compatibility.
- Integrated various external systems and services such as Autotask, NetSuite, Selcomm, Dynamics Sales, Dynamics Finance and Operations, and ServiceNow.
- Creating connectors or APIs for third-party software integrations
- Troubleshoot and resolve issues in existing applications
- Performs regular maintenance and updates to keep software up-to-date.
- Identify and optimize application performance bottlenecks.
- Work closely with product managers to understand and implement feature requirements.

NEEMBLY

Role:	**Full Stack Developer**
Period:	**Dec 2019 – Dec 2021**
Employer:	**Two Miss Pink Place**

Two Miss Pink place is an IT consultancy specialized in web and mobile e-commerce products.

Betting Web App Project (entire employment)
The project aimed to provide clients with an online casino and sportsbook betting platform, which offered a range of functionalities, including a multi-tenant system that allowed multiple companies to customize their branding for the UI and back-office web app.

In a team of 5 developers, Kevin was the main developer of integrating REST APIs for different gaming providers for both casino and sportsbook games, implemented a caching mechanism to enhance data fetching and prevent extra roundtrips to the database, implemented background services for email and SMS sending, and contributed on the development of the bonus engine for casino and sportsbook.

Technologies: *C#, .NET Core, ASPNET MVC, PostgreSQL, REST API, Kafka (for messaging), Pusher (for notifications), Redis, VueJS, Unit Tests, Entity Framework Core, EF DB Migrations, LINQ, SOLID Principles, GitLab CI/CD, NodeJs, Javascript*

Responsibilities:
- Developed the features present in the back office and player portal app.
- Coordinated with the other game provider teams for the Game Provider API Integrations
- Performed research and development per task requirement like caching, background services, queueing.
- Implemented all the background services.
- Implemented Redis caching for improving data retrieval performance.
- Identify and address performance bottlenecks.
- Main developer of the REST API integration for different gaming providers.
- Design and maintain the database schema using PostgreSQL.
- Optimize database performance and query efficiency.
- Write unit tests to ensure code quality and reliability.
- Create and maintain REST APIs for data exchange.
- Implemented Entity Framework Core, LINQ, and perform database migrations as needed.
- Adhere to SOLID principles for clean and maintainable code.
- Utilize Kafka for messaging in distributed systems and for event-driven messaging.
- Implemented Pusher for real-time updates.
- Developed front-end interfaces using VueJS, NodeJS and Javascript.
- Implemented responsive and interactive user interfaces
- Collaborate with UI/UX designers to ensure a seamless user experience.
- Work closely with product managers to understand and implement feature requirements.
- Used Git for version control and GitLab CI/CD for continuous integration and continuous deployment.
- Troubleshoot and resolve issues in the application.
- Use LINQ for querying and manipulating data in strongly-typed manned
- Leverage LINQ for database queries, data transformation and filtering
- Collaborate with other team members, including testers to deliver a complete and functional applications

Role: **Software Engineer**
Period: **Jun 2018 – Dec 2019**
Employer: **RCG IT Services**

RCG is a global provider of digital solutions across mobile, web, cloud, and legacy platforms, with a focus on actionable data and analytics.

iSafety Management Services Project (4 Months)

During this project, Kevin was integrated into a team of 5 elements which purpose was to provide a system and portal that enables client companies to manage their employees' eye care benefits in ordering safety eyewear. The project's main functionality is to allow the client companies to perform CRUD (Create, Read, Update, and Delete) operations to manage their employees' eye care benefits, specifically for safety eyewear. Kevin focused on REST API and SQL Scripts development for this project.

Technologies: C#, *.NET Core, REST API, SQL Server, Entity Framework Core, SOLID Principles, Unit Tests, EF DB Migrations, LINQ*

Uprise Web App (EHR and Practice Management) Project (14 Months)

In a team of 15 elements, Kevin was involved in the project which aims to provide clients with an Electronic Health Record (EHR) and Practice Management System. The EHR module allows for the management of customer health records, while the Practice Management module manages document exam findings, frame catalogues, reminders of patient schedule, recalls, and prescriptions.

Technologies: C#, *.NET Framework, .NET Core, LINQ, Entity Framework, Entity Framework Core, ExtJS, ASPNET MVC, Unit Tests, SOLID Principles*

Responsibilities:
- Developed new REST APIs, features, and bug fixes.
- Created REST APIs and SQL Stored Procedures per requirement.
- Proposed better solutions for the projects.
- Answered customer queries.
- Developed web applications using C#, .NET Framework, .NET Core and ASPNET MVC.
- Developed user interfaces using ExtJS, ensuring responsive and interactive design
- Developed REST APIs for data exchange.
- Utilize MS SQL Server for database management.
- Implement Entity Framework Core for object-relational mapping and data interactions, including querying and data manipulation.
- Write clean and maintainable code following SOLID principles.
- Write unit test to ensure the reliability and code quality.
- Use LINQ for querying and manipulating data in strongly-typed manned
- Leverage LINQ for database queries, data transformation and filtering
- Identify and address performance bottlenecks in the applications.
- Collaborate with other team members, including testers to deliver a complete and functional applications

Role: **System Developer**
Period: **Dec 2016 – Jun 2018**
Employer: **SteelAsia Manufacturing Corporation**

SteelAsia is a steep company specialized in reinforcing steel bar produce.

Finance System Project (about 12 months)

In a team of 6 developers, Kevin was tasked with the development of the Finance System (ERP) which aimed to automate the manual finance processes of purchase requisition, purchase order, invoicing, and receipt entry into a centralized system accessible to different departments. The system had several modules, including Purchase Requisition, Purchase Order, Invoicing, Receipt Entry, Journal Entry, and BIR Generating Reports, which automate the financial transactions of the company.

Technologies: *C#, MS SQL Server, Cloud Suite Industrial Business Solution, T-SQL, LINQ*

Billet Management System Project (2 Months)

As the sole developer, Kevin was tasked with the development of the migration of an old billet system from VB.Net to MVC Framework C# and added new features such as inventory management, contract forms, and shipment tracking between different plants of the company. The inventory module was used by employees to manage inventory, while the contracts module contained details of the billets for easy identification of contract details from both parties. The shipments module tracked the movement of billets between Plant 1 and Plant 2.

Technologies: *C#, .NET Framework, MS SQL Server, ASPNET MVC, Bootstrap, Javascript, JQuery, CSS, HTML5*

Gate Pass Project (1 Month)

As the sole developer, Kevin was responsible for the development of an app aimed at solving the manual process of managing incoming and outgoing steel products that required approval from department heads. The system was used to create item requests for incoming and outgoing materials within the plant. Once approved by the heads, the requestor could print the details from the system and present them to the personnel checking the incoming and outgoing trucks.

Technologies: *C#, .NET Framework, MS SQL Server, ASPNET MVC, Bootstrap, Javascript, JQuery, CSS, HTML5*

Sick Leave Conversion Project (1 Month)

In this project, tackled by 2 developers, Kevin developed an app which aimed to provide the HR department with an automated sick leave conversion that occurs every year. The system was used to convert sick leaves of all employees from different database servers across different plants. The HR personnel could manage all employee leaves across plants, including approving, declining, and bulk updating.

Technologies: *SQL Server, VB.Net WebForms*

Truck Billing Project (1 Month)

Kevin and 2 other developers were tasked with the development and design of a centralized system and reports for maintenance of truck companies, drivers, documents of trucks and drivers, billing of a load of trucks and other truck-related modules.

Technologies: *MS SQL Server, VB.Net WebForms, Javascript*

Photo Keeper Project (1 Month)

The Photo Keeper project aimed at providing a system to manage scrap materials of the companies for the Scrap Department. The system had a Scrap Module that was used to manage data of scrap from different plants. It also had a Scrap Reports module that provided reports of the scraps per plants.

Technologies: *C#, .NET Framework, MS SQL Server, ASPNET MVC, Bootstrap, Javascript, JQuery, CSS, HTML5*

Sales Report and Exchange System Project (1Month)

The Sales Report and Exchange System Project aimed to provide a solution for generating reports and managing requests and approvals for sales and exchanges. The system included modules for managing sales and exchange data, as well as generating reports for different plants.

Technologies: *C#, .NET Framework, MS SQL Server, ASPNET MVC, Bootstrap, Javascript, JQuery, CSS, HTML5*

Responsibilities:
- Development of financial modules with Infor ERP Business Solutions (Cloud Suite Industrial).
- Developed new APIs, features, and bug fixes.
- Proposed and implemented systems and migrated old systems to new technologies.
- Optimization of reports using efficient and effective querying in database.
- Providing ERD for effective and efficient data structures.
- Developed web applications using C#, .NET Framework and ASP.NET MVC
- Utilize VB.NET WebForms for legacy applications if required.
- Implemented responsive design with Bootstrap for a consistent user experience
- Create user interfaces with HTML5, CSS and Javascript
- Enhance interactivity with JQuery for client-side scripting
- Worked with MS SQL Server for database design and management.
- Write T-SQL queries and stored procedures for data retrieval and manipulation
- Integrate and customize Cloud Suite Business Solutions as needed.
- Used LINQ for querying and manipulating data in a strongly-typed manner
- Apply LINQ to SQL for database interaction where applicable
- Maintain and update existing codebase.
- Refactor code and for performance optimization and maintainability
- Ensure cross-browser compatibility for web applications.