**Name: Vijay**

**Professional Summary**

* Senior .NET Full Stack Developer with over 11 years of experience in designing, developing, and deploying scalable applications.
* Extensively worked in AWS and Azure platforms, delivering high-performance, resilient, and secure solutions.
* Proficient in .NET Full Stack technologies, including .NET Core, ASP.NET MVC, Web API, C#, and Entity Framework.
* Experienced in build and deploying robust web applications, as well as developing console applications for background processing and automation tasks.
* Experienced in front-end development using modern frameworks in Angular and React, with a strong grasp of JavaScript, HTML, and CSS.
* Skilled in using testing tools such as NUnit, xUnit, and Selenium for ensuring code quality and reliability. Executed unit test cases and reported and fixed defects. Performed regression testing for efficient application development.
* Expertise in implementing authentication and authorization using OAuth2.0, JWT, Azure AD, and

AWS IAM to secure applications and APIs.

* Adept at managing the entire SDLC, with a focus on cloud-native development, automation, and continuous improvement.

**Skill Set Summary**

**Languages:** C#, VB.NET, ASP.NET, .NET Core, SQL, PL/SQL

.**NET Technologies:** .NET Core, ASP.NET MVC, Web API, WPF, WCF, LINQ, REST, SOAP

**Cloud Platforms:** AWS (Elastic Load Balancing, Multi-AZ, Code Pipeline, Code Build, Code Deploy), Azure (App Services, Functions, Logic Apps, DevOps, Resource Manager, Terraform) **Web Technologies:** Angular, React, JavaScript, jQuery, HTML, CSS, Bootstrap, XML, JSON **Database:** SQL Server 2022/2019/2016, Oracle, MySQL, MongoDB

DevOps/CI-CD: AWS Code Pipeline, Docker, Kubernetes

**Tools:** Visual Studio, TFS, GIT, SVN **Reporting:** Crystal Reports, SSRS **Operating Systems:** Windows Server

**Education:**

Master’s in computer science, Atlantis University, Miami, FLORIDA, (GPA: 3.80/4.0),2016 Bachelors in Information Technology, JNTUK, India,2011

**Work Experience**

# LKQ Corporation

**Senior Development Engineer** **October 2022 to June 2024**

LKQ Corporation is a global leader in providing alternative and specialty parts for repairing accessorizing vehicles across North America, Europe, and Taiwan.

* Designed, development, and deployment of a microservices-based architecture on AWS, improving application scalability and reliability.
* Implemented microservices architecture and contributed to design discussion in project-related REST API return data structure
* Created and maintained documentation, including data models, data dictionaries, stored procedures, functional and technical design documents, acceptance test plans, and production release schedules
* Managed CI/CD pipelines using AWS Code Pipeline, Code Build, and Code Deploy, reducing deployment time and ensuring consistent delivery.
* Implemented AWS Elastic Load Balancing and Multi-AZ deployments for high availability and fault tolerance.
* Developed and deployed a cloud-native Angular 14 application on AWS, leveraging S3, CloudFront, and API Gateway.
* Enabled authentication and authorization in all layers of application using JWT Token Authentication.
* Enhanced application security with AWS IAM roles and policies, ensuring secure access and data protection.

**Environment:** AWS (EC2, S3, Lambda, API Gateway, RDS), .NET Core, REST API, Microservices, Angular 14, SQL Server, Agile Scrum, GIT

**Secretary of the Commonwealth of Massachusetts Sep 2021 to August 2022 Senior Developer**

LKQ Corporation is a global leader in providing alternative and specialty parts for repairing and accessorizing vehicles across North America, Europe, and Taiwan.

* Developed serverless applications on AWS using Lambda and DynamoDB, improving performance and reducing operational costs.
* Automated infrastructure provisioning using AWS CloudFormation, enabling quick and consistent environment setups.
* Implemented API Gateway for routing and securing REST API requests, enhancing overall application security.
* Provided mentorship to peers in development, code review, performance testing, and deployment activities.
* Implemented DevOps practices on AWS using tools like AWS Code Pipeline, Code Build, and Code Deploy, enabling continuous integration and continuous delivery pipelines for faster and more reliable software delivery.
* Implemented dynamic reporting system using OpenXML specification & SDK.
* Configured AWS CloudWatch for monitoring and logging, ensuring robust observability across services

Environment: ASP.NET, C#, jQuery, JavaScript, WCF, XML, Web Services, Visual Studio, SQL Server, Microservice architecture, GIT, AWS

**Health Equity - Dallas, TX February 2020 to July 2021 Software Developer**

HealthEquity is a company that administers Health Savings Accounts (HSAs), COBRA and other consumer-directed benefits for more than 12 million accounts in partnership with employers, benefits advisors, and health and retirement plan providers

* Responsible for Requirement analysis, Database design, and Development and Testing of code and deployment activity.
* Took ownership of the modules, handled change requirements from the business team & and ensured defect-free outcomes.
* Performed major roles in designing, and developing Web pages, Web Services, and Batch Jobs for mail and FAQ file download.
* Worked on SQL Server Integration Service for data porting from various upstream databases.
* Delivered all requirements on time and reduced DML execution in the production environment to zero percentage.
* Provided mentorship to peers in development, code review, performance testing, and deployment activities.

Environment: ASP.NET, C#, jQuery, JavaScript, WCF, XML, Web Services, Visual Studio, SQL Server, Cloud Azure, SOA architecture, GIT, Azure DevOps

**TEKsystems at Circadence July 2019 – January 2020**

**.NET Developer**

TEKsystems Global Services is implementing a project for Circadence, a gaming company, to develop the Ares web application

* Worked on .NET related technologies including C#, Azure with micro service architecture
* Worked on Single-Page Application using React JS framework
* Developed the web application using React JS, Redux, HTML and CSS.
* Designed and developed scalable web applications using Azure App Services and Azure SQL Database.
* Managed Azure DevOps pipelines for continuous integration and deployment, optimizing build and release processes. Developed RESTful services and implemented Azure Functions for serverless computing.
* Worked on creating RESTful web services using .NET framework
* Strong understanding of database development and management, with SQL/NoSQL

technologies, designing back-end database structures for the web applications and generating stored procedures that are complex in nature for the software’s maintenance purposes.

* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services
* Used MongoDB as backend database for creating scalable applications. Worked experience on Go Lang framework to create multiple micro-services
* Familiar with using public cloud-based technologies such as Azure. Using Azure DevOps tool for bug tracking, information and workflow management
* Experience on using Docker and Kubernetes hosted on Azure cloud

**Environment:** HTML5, CSS3, .NET core, React JS, Redux, Go/Golang, JavaScript, REST Web API, C#, ASP.NET, C#, WCF, ADO.NET, SSIS packages, Webpack, SASS, Bootstrap, SQL, GIT, Microsoft Visual Studio 2017, TFS, CI/CD and SSMS, AZURE, MongoDB, Docker, Kubernetes, GRPC

**SPIE Org Bellingham, WA February 2019 – July 2019 Sr .NET Developer**

Worked on Software Development Life cycle starting from Requirements gathering and performing object-oriented analysis, design and implementation and developing new Service interface layer.

* Developed web services for Administrative Services, Configuration Services and Pricing Services.
* Worked on database modeling and database schemas and also created stored procedures in SQL Server.
* Developed MMPS application on MVC Pattern and possess strong experience in developing web applications.
* Designed large numbers of WPF, Win Forms, Custom Controls and User Controls using XAML language for UI and Dynamic Web Parts for personalized content which allows Change, Edit, Move the content on pages as per users' own choice.
* Managed SDLC processes for Azure-based applications, including development, testing, and deployment.
* Designed and implemented WPF applications integrated with Azure Storage for document management. Environment: Azure (Storage, App Services), .NET Framework, RESTful Web API, C#, WPF, Entity Framework, MVC, SQL Server, IIS Responsible for the development of business, web, or mobile solutions for deployment throughout the enterprise and to the public
* Developed customer-facing websites using N-tier model to implement innovative technologies such as AJAX and jQuery to get rich UI experience
* Writing test classes and methods using Visual Studio Testing tools to test Web Applications

**Environment**: .NET Framework 4.5, Nugget packages, Restful WEB API 2.0, C#, Entity Framework, MVC, LINQ JavaScript, jQuery, Angular JS, JSON, IIS 7.0, HTML, Bootstrap, CSS, XML, Dev Express, Node Js, Type Script, Ajax Toolkit, TFS, Azure, Visual studio, SQL Server

**Bank of America. March 2018 to February 2019**

**Full Stack Developer**

CaseCura is a proprietary Enterprise Custodian Management platform at Bank of America, integrating custodian management, preservation, and eDiscovery processes into one system. It generates consistent, defensible reports and ensures industry-leading discovery practices

* + Worked on Agile methodology which includes Daily Scrum meetings, Sprint Planning & Retrospective meetings.
  + Developed and maintained cloud-hosted applications on Azure, focusing on performance optimization and security.
  + Involved in translation business requirements into technical solutions.
  + Good amount of work done on Reactive forms and Web Forms 6.0 in Angular 6 and their Validations.
  + Worked with MS SQL Server, SSRS, SSIS and IIS.Strong working knowledge of ASP.NET, HTML, CSS and JavaScript.
  + Coded in Data Access Layer, and Business Logic Layer using C#.NET and SQL Server in backend.
  + Attended meetings of the design logic and required components for the project
  + Performed unit testing on some modules. Fix bug in web service and Published WCF services.
  + Designed and developed the GUI for the user interface with various controls (Component Art Grid View, Data List, Textbox, Calendar, List Controls, Dropdown, Validation Controls.
  + Created Azure cloud Web Application projects, updated and deployed ASP.NET MVC Web apps, using visual studio Continues Deployment (CD) and Azure cloud Resource Manager.
  + Created Azure cloud SQL server by setting up Continuous Integration, Continuous Deployment from TFS.

Environment: Visual Studio 2015, WPF, MVVM, C#, VB.NET, web services, MVC, Entity Framework, .NET framework 4.5, ASP.NET Core, WCF, SQL Server, Restful WEB API, LINQ, JSON, PL/SQL, T-SQL, Unitesting, XAML, HTML5, CSS3, Bootstrap, DevExpress, Java Script, Kendo UI, jQuery, Angular, JIRA, TFS.AZURE

**Property plus Insurance 10/2015 to 03/2018**

**.NET Developer**

The Sales Management System is a web-based solution integrating advanced technologies for efficient communication, e-signing, and mobile support. It centralizes document management, lead tracking, and payment processing, boosting productivity through task management and notifications.

* Worked in agile Environment to deliver higher-quality software far more rapidly.
* Involved in development of Views, Classes using C#.NET that incorporates both MVC architecture and database connectivity.
* Used Visual Studio.NET 2013 IDE to design the forms, develop and debug the application.
* Worked on ASP.NET MVC Architecture 5.0.
* Worked on different aspects of .NET framework, like ASP.NET MVC 5.0, ADO.NET and C#.
* Involved in designing of User Interface with CSS and HTML.
* Involved in developing RESTful Web API calls.
* Involved in incorporating controls like Grid and auto complete textbox provided by Telerik and Kendo UI.
* Used jQuery AJAX calls to trade data with a web server, without reloading the page.
* Used Angular JS extensively for improving the performance of web pages.
* Implemented data binding, event handling using Angular.
* Consumed pre-defined angular directives, filters and created custom directives as required.
* Hands on Experience on Angular 6 technology for one complete project in rebasing the UI of the application using the techniques in Angular.
* Used MVC5.0 for making Rest calls between application and WCF service. Used Windsor castle for automatic proxy creation for WCF.
* Used auto-mapper extensively for mapping the objects. Developed web pages using bootstrap CSS.

**Environment:** .NET Framework 4.0, NuGet packages, ASP.NET MVC 5.0, Restful WEB API 2.0, C#, LINQ, web Services,WCF , Entity Framework, Silverlight, jQuery, Angular JS, Microsoft Azure, JSON, IIS 7.5, HTML, Bootstrap, CSS3, Ajax Toolkit, TFS, Visual Studio 2015, SQL Server 2014, PL/ SQL, T-SQL, SQL Azure

**Client: Alloya Credit Unions 12/2013 to 06/2015**

**.NET Developer.**

eDesk Returns is an image-enabled application for processing outgoing return items, offering features like bank identification, signature verification, and efficient handling of exceptions and return reasons.

* + Contributed to development in multiple projects using C# and jQuery, achieving improvement in front-end performance.
  + Executed unit test cases and reported and fixed defects. Performed regression testing for efficient application development.
  + Worked closely with the onshore team and clients to understand the requirements and develop the application.

**Environment** C#,Ajax, jQuery, SQL Server 2008, .NET 4.0, Entity Framework Architecture, TFS

**Guest Management System 05/2011 to 12/2013**

**.NET Developer.**

* + Quickly adapted to the team and performed a major role in developing applications.
  + Migrated the projects from on-prem servers to cloud AWS/AZURE resulting in increased uptime and faster response times.
  + Conducted rigorous testing post-migration to validate application functionality and create test cases and design documents.
  + Led team collaboration for efficient production support, swiftly addressing and resolving issues across multiple teams.

**Environment:** Asp.net, .Net Core, MVC, JavaScript, SQL Server, AWS/Azure Cloud, TFS