

Kifah Byish



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Professional Summary

- Experienced full-stack developer and technical lead with a strong focus on backend development for microservices applications using .NET Core and Node.js. Proven track record in migrating applications to Azure/AWS Cloud and implementing CI/CD pipelines with Azure DevOps. Skilled in developing cloud-native applications with Kubernetes and enhancing application security with OKTA. Eager to leverage extensive backend expertise to drive efficient and scalable solutions as a Backend Engineer.

Technical skills

Languages	C#, Typescript, JavaScript, Python ,SQL, C++
Framework	.NET Core, Nodejs
.NET	LINQ, Entity Framework Webapi
Google API Integration	Integrating Google Maps Integration with FDA Client app Integrating Google Routes api with ADL Delivery client app. Integrating Google Routes API with PODS client app.
GDACS Integration	Integrating GDACS https://www.gdacs.org/
Architecture	Microservices, Event driven,SOA
IDP	OKTA
Unit tests	NUnit, karma, PyTest PyTest , Selenium
Frontend	Angular, React, Typescript, JavaScript HTML, CSS3
Azure,AWS	Azure, AWS, Azure Bus, Azure Functions, Azure SQL, Azure DevOps, Azure IaaS , Azure PaaS, Kubernetes, OpenShift, Mirantis, AWS
Patterns	PRISM,MVC,MVC2,MVC3,MVC5,MVP,MV-VM
Development Tools	VisualStudio Code, Visualstudio, MSSQLManagementStudio, Toad
No SQL DB	MongoDB
SQL Database	MSSQL Server, Oracle, Stored procedure, Tableau server, Redis

Dev ops	CI/CD , Sonarqubes,
Versioning Tools	GitHub, GitLab, Bitbucket

Employment History

Job Title: Senior .Net Software Developer/Technical Lead

Company : Agilius End Client: FDA (Food Drugs Administration)

Location : Pomona, California

Date: Aug 2022 - Jul 2025

- Designed and implemented scalable, distributed system architecture, improving system efficiency and reliability
- Designed and implemented RESTful APIs using C# .NET Core and hosted them on Azure App Service, ensuring high availability and performance.
- Integrated third-party services and APIs, expanding application features and capabilities.
- Integrated Google MMaps into FDA web app
- Integrating External API GDACS System into FDA web app allowing real time updates to all disasters.
- Developed Oracle SQL tables and stored procedures utilizing Entity Framework.
- Designed database schemas to store application data using Oracle, ensuring data integrity and efficient access
- Designed, developed, and maintained interactive Tableau dashboards and reports, providing actionable insights to various departments.
- Integrated Redis for database caching, which enhanced application performance and reduced data retrieval times
- Developed responsive web applications using Angular, improving user experience and accessibility across multiple devices
- Developed and maintained responsive single-page applications using Angular and TypeScript, ensuring seamless user interactions and efficient performance
- Collaborated with UI/UX designers to translate wireframes and mockups into functional interfaces using HTML5, CSS3, and JavaScript, resulting in improved user satisfaction and interface usability
- Developed and deployed scalable serverless applications using Azure Functions and Azure Logic Apps.
- Migrated on-premises applications to Azure PaaS solutions, including Azure SQL Database and Azure App Service, optimizing cost and scalability.
- Collaborated with DevOps teams to integrate application deployments into automated CI/CD pipelines within Azure DevOps.
- Designed and implemented end-to-end CI/CD pipelines using Jenkins and Azure Pipelines for FDA applications, improving deployment speed and consistency
- Deployed and managed Mirantis Kubernetes Engine (MKE) clusters for enterprise-grade container orchestration.
- Integrated SonarQube into CI/CD pipelines to automate code quality analysis and enforce quality gates.
- Executed CI/CD pipelines with Jenkins for deploying application updates across 7 environments.
- Managed version control systems using GitLab for source code management, enhancing collaboration and code integrity

- Participated in architectural discussions regarding design decisions related to scalability and security.

- Maintained version control systems GitLab for source code management.

- Participated in architectural discussions regarding design decisions related to scalability and security.

Job Title: Full Stack Developer /Technical Architect

Company : Cognizant End Client: Premera Blue Cross

Location : San Bernardino , California

Date: May 2021 - Aug 2022

- Migrated existing application from Secure-Auth to OKTA, enhancing security protocols, due to security test issues with previous design.
- Administered OKTA and developed inline hooks and SAML hooks for universal directory migration.
- Designed and developed RESTful APIs using .NET Core 5 to support various applications, which improved performance and scalability
- Implemented serverless APIs: with Azure Functions, utilizing HTTP triggers, Timer triggers, and integrating with other Azure services.
- Integrated APIs with Azure services: such as Azure Bus, Azure SQL Database, and Azure Key Vault for data storage and secret management.
- Implemented authentication and authorization mechanisms using Azure Active Directory and OAuth 2.0, enhancing security and user access control
- Utilized Azure DevOps for CI/CD pipelines, automated testing, and deployment of API solutions, improving deployment efficiency and reducing errors
- Optimized API performance and ensured adherence to best practices for security and maintainability, resulting in faster response times and improved system reliability
- Developed and maintained scalable RESTful APIs using Node.js and Express.js to support web applications, enhancing application performance and scalability
- Designed and maintained Azure SQL Database, Azure Analysis Service, Azure SQL Data Warehouse, and Azure Data Factory, improving data management and analytics capabilities
- Developed a new responsive web application using Angular and implemented lazy loading and performance optimizations.
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- Collaborated with UX/UI designers to ensure seamless responsive behavior across all devices, enhancing user satisfaction and engagement
- Implemented and managed CI/CD pipelines using Azure CI/CD pipelines, Jenkins.
- Deployed and managed containerized applications on OpenShift and Kubernetes clusters, ensuring high availability and scalability, which improved system reliability and performance
- Participated in AGILE methodology throughout the software development lifecycle.
- Executed comprehensive software development processes, including analysis, design, implementation, testing, maintenance.
- Integrated Redis for database caching using .NET Core, which improved data retrieval speed and reduced server load
- Mentored junior development team members on best practices in software engineering, leading to improved team efficiency and code quality
- Developed technical architecture and design documents for new applications and optimized system architectures for performance, scalability, and cost-effectiveness, resulting in robust and efficient software solutions.

Job Title: Senior Full Stack Developer

Company : InfoSys End Client: Capital Group

Location : San Bernardino , California

Date: Jan 2019 - Dec 2020

- Developed RESTful microservices using .NET Core 2 and C#.
- Integrated OKTA as an identity provider for enhanced security.

- Created RESTful APIs to enable communication between the frontend and backend of applications.
- Integrated third-party services and APIs to expand application functionalities.
- Utilized Entity Framework 7 to generate database tables through a code-first approach.

- Developed and maintained server-side applications using Node.js, enhancing application functionality and performance.
- Developed scalable web applications using Node.js and React frameworks.

- Automated deployment processes using CI/CD tools for efficient release management.
- Deployed applications using Docker, Azure, OpenShift, Kubernetes, and Jenkins.

- Designed and implemented user interfaces using Angular 7,8,9.

- Implemented RabbitMQ message system for efficient communication between services.

- Documented design processes in JIRA, and maintained a knowledge base in Confluence.
- Assisted junior developers with troubleshooting complex coding problems when needed.
- Developed and executed unit and integration tests, ensuring application reliability and robustness.
- Collaborated with cross-functional teams to gather requirements and translate business needs into technical specifications.
- Managed software development lifecycle from planning through deployment at InfoSys.
- Connected with clients to identify needs and provide helpful solutions.
- Collaborated with other team members to troubleshoot complex issues and develop solutions.
- Conducted system testing and debugging to ensure high-quality software delivery.

Job Title: Application Programmer Senior

Company : Axelon End Client: Citigroup

Location : Tampa, Florida

Date: Jan 2017 - Nov 2018

- Migrated legacy WCF services to .NET Core Web API using C#.
- Designed application architecture to support business objectives and scalability.
- Developed and maintained documentation for application design and integration processes.
- Evaluated emerging technologies to enhance application functionality and performance, leading to the adoption of more efficient tools and practices
- Led code reviews to ensure quality standards and adherence to best practices.
- Mentored junior developers on architectural principles and coding practices.

- Developed detailed designs for complex software architectures using UML diagrams.
- Integrated various third-party APIs into existing applications to extend their functionality.
- Maintained version control systems such as Git or Subversion to track changes in source code.
- Configured and deployed new projects on the server for seamless integration.
- Stored all Azure projects in Azure cloud environment for enhanced accessibility.
- Transitioned .NET Web Forms/JavaScript application to MVC with LINQ, Bootstrap, and jQuery, enhancing application performance and maintainability
- Managed source control in TFS, overseeing branching, merging, and updating processes.
- Developed console applications in .NET Core 2 for efficient data processing and warehousing.
- Implemented CI/CD pipelines with TeamCity and automated deployments through uDeploy.
- Utilized IBM WebSphere MQ for reliable two-way messaging and transaction acknowledgment.
- Optimized system architectures for performance, scalability, and cost-effectiveness.
- Ensured stability, security, and scalability of system architecture, resulting in a more robust and secure system environment

Job Title: .Net Developer

Company : ADL Delivery

Location : Thonotosassa, Florida

Date: Apr 2016 - Oct 2016

- Migrated legacy Java/Oracle web application to Angular single-page application with service-oriented architecture.
- Developed web APIs for consumption by Angular framework, enabling seamless data integration and improved application functionality
- Executed front-end development utilizing AngularJS as the primary framework.
- Integrating Google Maps api into the current systems .
- Collaborated with cross-functional teams to define software requirements and specifications.
- Implemented automated testing frameworks to enhance software reliability and performance.
- Designed application framework and layout using Angular while implementing dependency injection.
- Created DOM elements with HTML5 for seamless data binding in Angular.
- Employed Bootstrap CSS for responsive design using Angular/Bootstrap library, ensuring consistent user experience across devices
- Implemented RESTful services utilizing native Angular HTTP services to enhance performance.
- Managed source control with TFS and documented API specifications using Swagger.

Job Title: Senior .NET Developer

Company : Insight Global End Client: PODS Moving & Storage.

Location : Clearwater, Florida

Date: Jan 2016 - Mar 2016

- Conducted analysis of existing applications, debugging code to identify and resolve bugs.
- Created new CI/CD pipelines for each new service, enhancing deployment efficiency and reducing downtime.
- Integrating Google Maps API with the PODS client app. To calculate the routes and the distances between 2 routes.

Introduce an estimated route when the Google apis reach its max limit cap.

- Developed and maintained .NET applications for efficient operational processes.
- Developed .NET applications using C#, ASP.NET, HTML, and JavaScript, resulting in robust and user-friendly software solutions
- Integrated web services with the application using WCF and Web API.
- Created database objects such as tables, views, stored procedures and functions in SQL Server 2008 R2, 2012, 2014.
- Configured IIS server to host web applications, ensuring reliable and secure access for users
- Optimized performance of existing .NET applications by refactoring code and utilizing caching techniques.
- Developed SQL programming stored procedures to enhance application functionality.
- Implemented WCF web services to improve system interoperability, facilitating seamless communication between different software components
- Utilized TFS for effective source control management.
- Applied principles of service-oriented architecture (SOA) to optimize application design.
- Developed user interfaces using WPF and XAML technologies, improving user experience and interface responsiveness

Job Title: Full stack Developer

Company : FreightCenter

Location : Palm Harbor, Florida

Date: Mar 2015 - Dec 2015

- Performed extensive design and development of applications using .NET and web technologies in n-tier architecture.
- Developed responsive web applications using JavaScript, HTML, and CSS.
- Conducted code reviews to ensure quality and adherence to best practices.
- Developed and maintained front-end web applications using HTML, CSS, JavaScript, JQuery and ReactJS.
- Integrated Google APIs to enhance application functionality.
- Developed user interfaces leveraging JavaScript, AJAX, and jQuery for improved user experience.
- Executed SQL programming with stored procedures, functions, and triggers to optimize database performance.
- Implemented WCF web services for seamless communication between applications.
- Created web form applications with ASP.NET, C#, LINQ, XML, and JSON to fulfill client requirements.
- Utilized Git for effective source control management across development projects.

Job Title: Sr .Net Developer

Company : NextSphere End Client:HealthAxis Group

Location : Tampa, FL

Date: Feb 2013 - Feb 2015

- Developed web form applications using MVC architecture, ASP.NET, C#, LINQ, XML, and JSON.
- Created WCF web services applications for efficient warehouse data management.
- Established and maintained CI/CD pipelines to automate testing and deployment processes, enhancing operational efficiency.
- Engineered user interfaces utilizing JavaScript, AJAX, and jQuery for enhanced interactivity.
- Designed and mapped databases employing Entity Framework to support application functionalities.
- Implemented MS SQL stored procedures, triggers, and T-SQL programming for robust database operations.

- Utilized Team Foundation Server for effective source control and project collaboration.
- Applied service-oriented architecture principles to improve system integration and scalability.

Job Title: Senior Programmer

Company : DuvoSoftware

Location : Tampa, Florida

Date: Apr 2012 - Jan 2013

- Migrated legacy systems from JAVA, Struts, and UNIX to .NET/C#, MVC, and Windows environment.
- Refactored legacy code to drive system architecture improvement.
- Leveraged multiple programming languages to develop applications for various platforms.
- Integrated third-party APIs into existing applications according to project specifications.
- Developed and implemented internal payroll application using .NET MVC 4 RAZOR, C#, ASP.NET, jQuery, and HTML5.
- Created web services for internal and external applications, utilizing SOAP and XML to meet client requirements.
- Utilized iTextSharp .NET PDF libraries for printing and scanning payroll jobs with barcode functionality.
- Designed web solution for smart devices, employing jQuery for mobile optimization.

Job Title: Web Developer

Company : GMxSolutions

Location : Tampa, Florida

Date: Mar 2010 - Jan 2012

- Developed web application using MVC2, C#, ASP.NET, JavaScript, jQuery, IIS, and SQL Server for Laserfiche Document Management System.
- Created internal help desk ticketing system utilizing C#, ASP.NET, MySQL, and jQuery.
- Built Laser Alerts add-on for Laserfiche Commercial Document Management System using ASP.NET, C#, SQL, stored procedures, and triggers.
- Designed a reporting service for the Laserfiche system as a web service using C# and ASP.NET.
- Developed multiple websites for external clients employing .NET, ASP.NET, C#, and IIS configuration.

Education

School: Al-Mustansiriya University

Degree : B.Sc.

Program : Software Engineering,

From : August 1997 till: October 2001