Jez Reel R. Maghuyop

Technical Advisor | Technical Lead
Lørenskog, Norway 1470
jezreelmaghuyop@gmail.com

https://www.linkedin.com/in/jezmaghuyop | https://jezmaghuyop.com
https://mvp.microsoft.com/en-us/PublicProfile/5005117

Profile

Experienced and accomplished software engineer with a proven track record of over a decade in full-stack software development. Skilled in requirement analysis, object-oriented programming, and user interface engineering. A strong problem solver with excellent leadership abilities, having successfully led a small team of developers. Adept at collaborating in team environments and experienced in working with cross-cultural, global teams.

Employment History

Senior Fullstack Developer at Flextools

August 2023 – Present

Responsibilities:
- **Backend Development:** Design and implement API endpoints for both internal application use and external client integration, enhancing system interoperability and data flow efficiency.
- **Frontend Development:** Build reusable components and develop new features including dashboards, battery asset information displays, live data reporting, and trading interfaces to improve user experience and functionality.
- **Software Architecture:** Lead efforts in organizing and planning software architecture for both frontend and backend, promoting scalable and maintainable codebases.
- **Cross-Functional Collaboration:** Work closely with operations and other teams to align development initiatives with business objectives and customer needs.
- **On-Call Support:** Provide critical on-call support to swiftly resolve platform issues, ensuring high availability and reliability of services.

Technologies Used: C#, .NET, Angular, JavaScript, TypeScript, Azure DevOps, Azure, Azure Function, Azure Storage, Github

Technical Advisor at Kongsberg Digital

February 2022 – June 2023

Responsibilities:
- Diagnose and troubleshoot technical issues.
- Build web apps, dashboards, reusable components, and SPAs, including concepts and PoCs.
- Consume APIs for reporting and visualization with meaningful analytics.
- Develop and integrate visualization features in Kognitwin towards our 3D engine Cogs.js
- Process spatial data (3D models, point clouds, GIS data)
- Provide technical expertise, support and guidance to find solutions for enabling customers' business use-cases within visualization.
- Closely collaborate with the core product development team (Software Developers and Product Managers)
- Setup/Configure Application per customer.

Technologies Used: Angular, JavaScript, TypeScript, Azure DevOps, Git, NodeJS

Senior Developer at Cognizant Softvision

January 2017 – July 2021

Projects and Responsibilities:

Fleet Management System, February 2021 - July 2021
- Designed and implemented the frontend architecture using Angular, ensuring a scalable and maintainable codebase that delivered optimal performance and a seamless user experience.
- Built reusable components or widgets using Angular Elements, which enabled the embedding of the components in a legacy AngularJS application. This significantly improved the maintainability and extensibility of the application.
- Mentored and guided junior and mid-level developers in Angular, providing valuable feedback to help them develop their skills in the framework.
- Organized and conducted brownbag sessions to facilitate knowledge sharing on Angular among team members.
- Performs code reviews to maintain applications code quality and standard.
- Participated in Sprint Planning, Backlog grooming, Estimation and Retrospective meetings.

Technologies Used: Angular, JavaScript, TypeScript, Azure DevOps, Git

Global Tax Platform, November 2018 – January 2021
- Lead a small team of 8 offshore and onshore developers to build a reporting solution for the Tax Platform.
- Performs code reviews to maintain applications code quality and standard.
- Worked with Solutions Architect and onshore Technical Lead to identify technical business requirements.
- Created RESTful APIs consumed by common platform and module-specific components.
- Served as a Subject Matter Expert in the development of modular and reusable UI components using Angular 7/8/9 and Telerik Kendo UI components, contributing to the efficient and cost-effective user interface development.
- Leveraged Power BI's RESTful API to efficiently manage and monitor reports.
- Conducted end-of-sprint presentations to showcase completed work and gather feedback.
- Participated in Sprint Planning, Backlog grooming, Estimation and Retrospective meetings.
- Assessed and analyzed product backlogs to prioritize and plan work, ensuring alignment with project goals and timely delivery of high-quality products.

Technologies Used: .NET Core 3.1, C#, Entity Framework, NUnit, PowerBI, Angular, Azure DevOps, Git, Azure Function, Azure Event Grid, Azure Storage

Skills

- C#
- ASP.NET MVC
- .NET Core
- SQL
- Angular
- ReactJS
- Typescript
- JavaScript
- Umbraco CMS
- HTML
- CSS
- Azure Cloud Services
- Git

Technical Proficiencies

- Web Development
- Single Page Application
- API Development
- CMS Customization and Plugin Development
- Progressive Web Applications
- Azure DevOps CI/CD
- Widget Development

Business Operations Support Platform, July 2018 – October 2018
- Provide consulting services to help client on mission-critical production support and resolve prioritized defects.
- Review and analyze product backlogs.
- Develop major/minor enhancement requests.
- Demo new features added to project owners.
- Managing DevOps task to provide updated release to QA environment and latest artifacts for production release.

Technologies Used: ASP.NET MVC, C#, Entity Framework, jQuery, Azure DevOps, Git

ePayments Challenger, February 2018 – June 2018
- Developed Web API using .Net Core.
- Conducted comprehensive unit and integration testing, ensuring complete coverage of the codebase, to develop high-quality and error-free software.
- Utilized Pivotal cloud service to deploy a long running console application.
- Participated in Sprint Planning, Backlog grooming, Estimation and Retrospective meetings.
- Conducted sprint demonstration every end of sprint
- Conducted in-depth and meticulous code reviews, ensuring adherence to coding standards and identification of potential areas of improvement to enhance the overall efficiency and reliability of the codebase..
- Provide feedback and guidance to junior and mid-level developers.

Technologies Used: .NET Core 2.2, C#, Entity Framework, NUnit, Azure DevOps, Git, Cloud Foundry

Construction Management, Payroll and Payment Systems, January 2017 – September 2017
- Investigate and analyze legacy desktop application.
- Created RESTful APIs consumed by common platform and module-specific components.
- Conducted comprehensive unit and integration testing, ensuring complete coverage of the codebase, to develop high-quality and error-free software.
- Created modular and reusable UI controls using Angular 4/5 and Telerik Kendo UI components, enabling efficient and streamlined user interface development for multiple projects.

Technologies Used: .NET Core 2.2, C#, Entity Framework, NUnit, Angular, JavaScript, TypeScript, Azure DevOps, Git

Web Developer at KMC Solutions,
May 2014 - May 2017

Responsibilities:
- Worked for an Australian company that provides E-Learning services to B2B and B2C types of clients.
- Integrated 3rd party payment gateways (NAB Transact, Paypal and DebitSuccess).
- Integrated and customized Salesforce CRM platform.
- Designed and implemented RESTful Web APIs using ASP.NET for seamless communication between the front-end and back-end, enabling efficient data exchange and streamlined application workflows.
- Converted HTML designs into reusable AngularJS components.
- Utilized and configure Umbraco CMS for content management.
- Built custom Umbraco plugin, dashboards, web tools and programs to support marketing campaigns and after sales support.

Technologies Used: ASP.NET MVC, C#, SQL, Azure App Services, Umbraco CMS, Git, jQuery, JavaScript, Entity Framework, AngularJS

.Net Developer at Mobext Philippines,
January 2014 - April 2014

Responsibilities:
- Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.
- Built a mobile website base on the existing website application.
- Created RESTful APIs consumed by common platform and module-specific components.
- Conducted extensive research and development on cutting-edge web technologies to enhance our mobile website development process. Created a proof of concept and implemented the latest frameworks and libraries such as Backbone.js, Require.js, Handlebars, jQuery
- Integrated Google Maps JavaScript Web API v3 for enhanced web application functionality. Configured and customized the API to project requirements, ensuring optimal performance and user experience.
- Supported multiple teams by sharing my expertise in ASP.NET and jQuery, providing guidance on technical issues and helping to resolve them quickly.

Technologies Used: ASP.NET MVC, C#, SQL, Visual Studio Team Foundation Server, Git, jQuery, JavaScript, Entity Framework, AngularJS, RequireJS and Handlebars

Jr. Software Developer at Gurango Software
Corporation, September 2013 - January 2014

Responsibilities:
- Developed a responsive, cloud-based web application to replace a desktop-based legacy system, optimizing performance and user experience while ensuring backwards compatibility with existing data and systems.
- Studied and new technology like EXTjs MVC, LINQ and ASP.NET Entity Framework.
- Utilized ASP.NET, EXTjs, HTML, CSS and MS SQL to create online application.
- Trained and mentored colleagues on how to use the technology given by the client
- Refactor and enhance source code to improve code readability and reduced complexity to improve the maintainability of the source code
- Participate in providing possible test cases or scenarios for QA and design database schema.

Technologies Used: ASP.NET MVC, C#, SQL, Visual Studio Team Foundation Server, Git, ExtJS, JavaScript, jQuery, Entity Framework

Web Developer at Prime Logic Corporation,
December 2011 - September 2013

Responsibilities:

- Analyzed requirements and designed, develop and implemented software applications for multiple websites.
- Involved in entirely of software development lifecycle from designing, coding to bug fixing and testing.
- Designed and implemented Web Services using ASP.NET for seamless integration with third-party applications.
- Analyzed risks and reliability of applications.
- Gathered information from clients and provide the architecture of custom application
- Convert legacy ASP Classic web sites to ASP.NET MVC.
- Provide new technology to create a faster and responsive web application.
- Maintain and enhance existing application.
- Lead a small team of developers to develop a Social E-learning platform.

Technologies Used: ASP Classic, ASP.NET MVC, JavaScript, jQuery, SQL, IIS 7, SOAP, WSDL

Educations

Technological Institute of the Philippines

Bachelor of Science in Information Technology
Quezon City, Philippines
June 2006 - September 2011