

M.F.M Fazrin

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A full-stack software developer, searching for challenges to solve, with more than a decade of proven field experience in a vast number of technologies.

Top 5 skills:

- Deep listening;
- Mentoring and skillfully managing teams of various sizes and experiences;
- Successfully completing projects in tight schedules and budgets;
- Versatility, speed and interest in learning and mastering new technologies;
- Staying curious.

Work Experience

Quadrate Tech Solutions Private Limited

Full-Stack Developer & Co-Founder

July-2020 - Present

- Managing Multiple Software Development Teams
- Working as a part time Full-Stack developer in crucial projects
- Supervising Interns and new recruits
- Conducting training programs on new technologies and frameworks

Voigue Private Limited

Dot NET Engineer (Jan 2020 - June 2020) Contract

SmartPABX - Cloud Based Phone System

- Worked as a .NET Engineer in WPF based Project for an Australian Telecommunication Company

- Developed Backend API with Laravel and Updated the existing PABX legacy system to latest version
 - User interface optimized completely by converting WinForms to WPF and enabled Dynamic User interface functions such as call forward, group calls, call parking and many other features
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Virtusa Private Limited

Associate Engineer (Jan 2019 - Jan 2020)

McDonald's - Workforce Operations Labor Forecasting System

- Developed a web application to forecast labor requirements for various restaurant configurations based on frequently migrated sales data to improve labor allocations. This resulted in a 5-minute decision-making process versus the previous 6 months and zeroed the manager man-hours needed to input and cleanse the sales data.
- Methodically performed requirement gathering, user story and task breakdowns, estimating, scheduling, system design, implementation, code reviewing of 7 teammates, optimizations, bug prioritizing, and bug fixing and produced detailed technical documentation.
- Led a team of novice engineers to develop an enterprise application in 6 months, under a tight budget.
- Helped maintain 10/10 client scorecards from the project inception till production, which resulted in a win/win situation including incentives for the team on a job well executed.
- Recruited top talent from Sri Lankan universities which helped the company reach its goals.

Angular 6, Bootstrap 4.2, .NET Core 2.0, Web Api, EF Core 2.0, Autofac, AutoMapper, SQL Server 2017, Azure Web Jobs, Azure Blob and File Storage, Azure Insights, Azure Redis Cache, Azure CI/CD and OpenXml.

Nemico Holdings

Software Developer Jan 2015 - Dec 2018

Micros - Symphony 2.6/2.7

- Successfully fixed bugs as per the Agile methodology, implemented new user stories and retrofitted a translation tool to the great architecture of Symphony 2.7, a cloud-based enterprise hospitality management suite developed by Micros (supported on Windows/Windows CE/Android and iOS).
- Motivated a team of 6 engineers to contribute to the evolution of the application while keeping them up to date with the latest technologies.

C#.NET, Microsoft Visual Studio 2008, Microsoft SQL Server 2008 R2, Oracle 11g, Oracle SQL Developer, WPF and SyncFusion.

Quadrata Tech Solutions Private Limited

Co-Founder & Software Designer (Aug 2009 - Dec 2015)

FreightSafe - Claims Management System

- Developed a web application to manage freight claims of FreightSafe (a leading global Australian-based freight insurance company) to streamline and seriously optimize the claim to the approval process.
- An automatic template generation module was implemented, which composed correspondence based on the claim conditions automatically and saved more than 50 minutes of claim assessors time spent per claim.
- A real-time notification feature was developed using SignalR which improved the UX.
- Introduced PDF.js instead of BoxView and enhanced the document viewing functionality which reduced the response time by a minute average per document and eliminated the license costs.
- An API was built and launched which allowed high volume clients to directly input claims which saved 15 minutes average time per claim for a claim assessor and as a direct result attracted many new clients.
- Executed demos every fortnight, at the end of the sprint, to keep all stakeholders in the loop and garner excitement and buy-in.

C#.NET, AngularJS, SignalR, ASP.NET Web API, PDF.js, NServiceBus, HangFire, Microsoft .NET Framework 4.5, Microsoft Visual Studio 2017 and Microsoft SQL Server 2017.

LECO Energy - Field Report Writer/Total Maintenance Service

- Developed a new portable application which allowed field service engineers to capture and record information on site regarding power turbines and generators during their maintenance visits and synchronized all data to a centralized server for reporting purposes when they could connect to the network.
- Successfully reverse-engineered the underlying implementation of Office InfoPath 2003 which was heavily versed in XML and then developed add-ons while ensuring performance was not compromised and license constraints were met.
- Methodically implemented the report import and Excel export/import modules and a custom MSI installer package to cater to client requirements.
- Effectively and efficiently configured continuous integration (CI) and optimized the build pipeline for development/QA and production releases, improving the efficiency of the whole team while working on feature implementations and bug fixes.

C#.NET, PL/SQL, Oracle 10g, Microsoft Excel 2003, Microsoft Visual Studio 2008, IIS 6.0, NHibernate and Oracle SQL Developer, Orca and Bootstrapper Manifest Generator

Languages

- English - proficient
- Tamil - proficient
- Arabic - Intermediate

Education

London Metropolitan University

Bachelor's in Engineering (Software Engineering) - 2017

Cardiff Metropolitan University

Dual Higher National Diploma in Computing & Networking -2015

London Research Academy

Diploma in Computer Science -2009

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