Rimaz Mohommed

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Senior Fullstack Developer / DevOps Engineer
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Profile

I am a highly passionate software professional with a strong interest in computer science since my early teens. After graduating with a BSc in Computer Science with First Class Honors from University College Dublin in 2014, I started my career as a Software Engineering Intern at OrangeHRM, where I quickly progressed to become an Associate Technical Lead.

During my tenure at OrangeHRM, I gained extensive experience in customizing the Enterprise product based on client requirements using SOLID principles, design patterns, and Test-driven development. I also played a key role as a Technical Lead in the open-source department and Value-Added Services team, where I led workshops and interviews at local universities.

In 2019, I joined Capgemini (previously Intergen) as a Senior Developer in their Cloud and Custom Apps team, specializing in full-stack development and DevOps, deploying web and mobile apps using .NET, Vue, React, Xamarin Forms, Azure Cloud technologies, and Azure DevOps.

Currently, I work as a Contractor Developer / DevOps Engineer at Stats NZ, where I leverage my expertise in the .NET and Azure stack to deliver high-quality solutions. In my spare time, I enjoy working out, reading, blogging, and improving my guitar skills. I also have previous experience teaching Web Server Management at a local university in Sri Lanka.

Education/Certifications

- ➢ BSc in Computer Science (First Class Hons.) from University College Dublin
- ➢ [Microsoft Certified: Azure Solutions Architect Expert (AZ-303 & AZ-304)](#)
- ➢ [Microsoft Certified: Azure DevOps Engineer Expert (AZ-400)](#)
- ➢ [Microsoft Certified: Azure Developer Associate (AZ-204)](#)
- ➢ [Microsoft Certified: Azure Security Engineer (AZ-500)](#)
- ➢ [Microsoft Certified: Power Platform Fundamentals (PL-900)](#)
- ➢ Certified in Xamarin by Knowledgehut

Competencies

- ➢ .NET
- ➢ JavaScript, jQuery, React, Vue
- ➢ IAC using Terraform and Azure ARM templates
- ➢ Azure, DevOps Pipelines for CI/CD
- ➢ Cosmos DB, SQL Server, MySQL, Azure table storage, Queue & Service Bus
- ➢ Dapper, Entity Framework
- ➢ Power platform & Power apps portals
- ➢ JMeter Performance Testing, Integration Testing with Newman
- ➢ Xamarin Forms
- ➢ Git, Subversion
- ➢ Apache, IIS, Nginx
- ➢ Docker
- ➢ Windows, Ubuntu, CentOS

Handles

- ➢ LinkedIn: https://www.linkedin.com/in/rimazmohommed
- ➢ GitHub: https://github.com/rimaz523
- ➢ Stackoverflow: https://stackoverflow.com/users/4546132/rimaz-mohommed
- ➢ Medium: https://medium.com/@rimazmohommed523

Experience

Software Developer / DevOps Engineer | Stats NZ (Contractor) | Oct/2022-Present
- ➢ **Data Sourcing Program | Oct/2022 - Present**
    - ○ Developed a comprehensive integration solution utilizing .NET 6.0 with Azure functions featuring HTTP and Queue triggers to efficiently handle and process large data payloads, and a .NET framework 4.8 Web API, both designed using clean architecture pattern, to manage Blaise survey operations. To promote modularity, the logic employed in other system components was extracted into class libraries and deployed to Azure artifacts. DevOps pipelines were implemented to automate the building and deployment of the function app and its class libraries as NuGet packages. Infrastructure as code was also incorporated using Terraform to manage the function apps, Web APIs, Queue/Table Storage, and Azure APIMs.

Senior Full-Stack Developer | Capgemini (prev. Intergen) | Jan/2019 - Oct/2022

Although my official title was Full-Stack Developer, my role involved a blend of **DevOps and Dev functions**, including setting up infrastructure and deployment pipelines. As described in the following sections, I seamlessly integrated development and operations workflows to optimize the end-to-end software development lifecycle.
- ➢ **WorkSafe NZ | April/2022 – Oct/2022**
    - ○ Create a reusable Vuejs ui-component library for document uploads, NZBN search, Address search and other custom components used across multiple Dynamics portals. Build and publish this ui-component library to Azure devops artifacts to be used in worksafe's Dynamics portal frontend.
- ➢ **Department of Conservation | May/2022 – Oct/2022**
    - ○ Azure B2C configuration on the DoC website so users can login to the site with default flows for local and social accounts and custom templates.
- ➢ **Phil & Teds | May/2022 – Jul/2022**
    - ○ Update logic apps used in production to switch their authentication mechanism with Dynamics Business Central from basic authentication to Oauth. Set up the logic app infrastructure using ARM templates and made enhancements to their existing azure pipelines.
- ➢ **Department of Internal Affairs | Aug/2020 - Jun/2022**
    - ○ Implemented the Citizenship By Grant & First Time Passports online portal for DIA customers. Users can now request for their passports online passports online by filling in their details instead of using paper forms.
    - ○ Set-up a Companion app using .net core to handle integration with 3rd party services in cases such as passport photo quality assurance and liveness

checking of users. The portal forms were implemented using Liquid, Jquery and Vuejs for more complex components such as document upload and address search.
- ○ Setup and maintenance of DIA's existing build and release pipelines of their site for First Time Passports & Citizenship by Grant.
- ○ Deploying new test environments, improving DIA's cloud infrastructure and providing support for critical production issues.

➢ **Microsoft Ignite | Jul/2020 - Aug/2020**
- ○ Implemented the integration for Indexing event attendee information using Azure Cognitive Search.
- ○ Azure functions, Cosmos DB, storage queues & service bus topics/subscriptions used in the architecture.
- ○ Implemented a durable function orchestration to reindex all attendees from Cosmos if required.
- ○ PowerShell scripts & ARM templates for the deployments of azure infrastructure.

➢ **Auckland System Management NZTA | Jun/2020 - Jul/2020**
- ○ Android and UWP mobile apps implemented using Xamarin Forms.
- ○ App listens for voice commands and extracts text using LUIS & updates map locations.
- ○ Stores voice recordings in Azure storage with playback functionality.
- ○ This app helps NZTA personnel when they drive around the highway and record any issues with the roads. User doesn't need to use the phone since all commands are voice activated.
- ○ Created the build/release pipelines & distribution via MS App Center.

➢ **Department of Internal Affairs | Feb/2020 - May/2020**
- ○ Revamp DIA's online website that's built using the D365 portal.
- ○ Used liquid templating, jQuery, Vue and bootstrap CSS.

➢ **FirstGas | Jun/2019 - Feb/2020**
- ○ Built a comprehensive REST API using .NET Core & Dapper.
- ○ Integration tests were run in Azure pipelines using Newman.
- ○ Performance testing written using Jmeter.
- ○ Azure Logic apps to read/write data from/to third party vendors.

➢ **Fire and Emergency NZ | Feb/2019 - May/2019**
- ○ Implemented an interactive web simulator to visualize volunteer responses to brigades during an incident.
- ○ This simulator was used to test the main FENZ AMS software developed by Intergen.
- ○ Implemented using javascript & Create JS

Associate Technical Lead | OrangeHRM | Jan/2018 - Jan/2019

- ➢ **Technical Lead in the OrangeHRM Open-Source Team.**
  - ○ Spearheaded the implementation & design to make the product GDPR compliant for our European clients.
  - ○ Integrated the Time module with Toggl to provide a seamless user experience for our clients who use Toggl for time tracking.
  - ○ Improved product security emphatically against numerous vulnerabilities.
  - ○ Standardized the development process for Open Source with GIT.
- ➢ **Technical Lead in the OrangeHRM Value Added Services Team**
  - ○ A relatively new team under my guidance that implemented plugins on our Enterprise Application.
  - ○ Design & Development to integrate Zendesk User Guides with the Enterprise Application.
  - ○ Middleware Application as Single Sign On authentication provider between the two products.
- ➢ **Senior Software Engineer in the Customizations Department**
  - ○ Modifications to Reports & Leave Rule based XML engines to cater to client requirements
  - ○ Single Sign-On with Azure B2C
  - ○ Client upgrades & production critical bug fixes.
- ➢ **Other Responsibilities**
  - ○ Drive the recruitment & onboarding process for interns
  - ○ Interviewing candidates & provide the necessary training for new interns
  - ○ Conduct workshops at universities

Senior Software Engineer | OrangeHRM | Jan/2017 - Dec/2017

- ➢ Designed & implemented a data sync processor between SAP systems & the enterprise application.
- ➢ Hybrid Encryption mechanism (AES & public/private keys) to secure the sync.
- ➢ Advanced reports for clients
- ➢ Performance improvements on the product by optimizing the code and database queries.
- ➢ Numerous other customizations on the product.
- ➢ Conducted internal training for the department & mentored developers.

Software Engineer | OrangeHRM | Jan/2016 - Dec/2016

➢ Implemented an Online Training Module for the OrangeHRM product complete with courses and online examinations.
➢ Developed a REST API from scratch with OAuth2 authentication.
➢ API tests written with Codeception.
➢ Implemented a mobile application using the Ionic framework for Android & IOS.
➢ Worked with Materialize CSS to implement Responsive UI's for a module.
➢ Improved processes within the Customizations Department.

Associate Software Engineer | OrangeHRM | Jan/2015 - Dec/2015

➢ Implemented a Claim Module for a client using Symfony, jQuery, MySQL and XML based claim rules.
➢ Worked on several other projects for various other clients in the Enterprise product.

Software Engineer Internship at OrangeHRM | Feb/2014 - Dec/2014

➢ Worked on improving the OrangeHRM upgrader tool.
➢ Developed a module for managing & sending Emails from the front-end in the OrangeHRM Enterprise Application.

Other

➢ Head Prefect at Hejaaz International School 2007/08.
➢ Captain of the Debate team that was awarded the Best Senior Debating Team at the Inter House Debates at Hejaaz International School in 2008.
➢ Awarded the prize for Best Senior Debater for the year 2006/07.
➢ Received a High Distinction at the Australian National Chemistry Quiz in 2008 organized by the Royal Australian Chemical Institute.
➢ Received the award for Country Topper with a High Distinction for Science in 2007 at the International Assessments organized by the University of New South Wales.
➢ Awarded a High Distinction for Mathematics in 2005 at the International Assessments organized by the University of New South Wales.
➢ President of the Science Society at Hejaaz International (2007/08).
➢ President of the Mathematics Society at Hejaaz International (2006/07).
➢ President of the Debating and Literary Union at Hejaaz International (2006/08).