MARCIN MIEKUS

PERSONAL DETAILS

Name: Marcin Miekus
Date of Birth: 19.09.1978
Gender: Male
Nationality: Polish/British

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                   DA14 6PJ, Sidcup

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EDUCATION

2006 – 2007
AGH University of Science and Technology
Postgraduate Degree (RQF Level 7)
UK NARIC reference: 4000445006
Software Engineering

1998 – 2003
Częstochowa University of Technology
Master's degree (RQF Level 7)
UK NARIC reference: 4000445006
Marketing and Management (Business Informatics)

COMPETENCIES

An enthusiastic, results oriented professional Software Architect, who enjoys being part of a successful and productive team.
Quick to grasp new ideas and concepts and to design / develop innovative and creative solutions with newest variety
of IT technology. Able to work with a high level of motivation even under significant pressure, possesses a strong ability to perform
effectively.

SKILLS / EXPERTISE

Programming: C#, PHP, AS 3.0, VB, C++, C, Java.
                HTML/CSS, javascript
                REST/SOAP API's
Databases: MS SQL, MySQL
Software: Visual Studio, SQL Studio, Eclipse, Adobe CS4: Flash/Flex.
Frameworks: .NET Framework 4.5, .NET MVC, .NET Core, node js
OS: Windows, Unix/Linux

WORK EXPERIENCE

06.2022 – now

Company: Centrik (part of TrustFlight). - www.trustflight.com/centrik
Location: London, UK (Full Remote).

Position: **Software Developer**
Responsibilities:
-   Building, testing, maintaining and deploying Aviation Management software build on .Net Framework 4.8, .Net MVC, .Net Core
-   Designing, creating and maintaining relational databases (MSSQL, T-SQL)
-   Integrating ECCAIRS (European Co-ordination Center for Accident and Incident Reporting Systems) REST API with Centrik system.
-   Part of the backend team responsible for re-architecture and code refactoring of the current system.
-   Implementing 'Vertical Slice Architecture', 'Service-oriented architecture', 'Repository Pattern' and SOLID principles.

Technologies:
-   .NET Framework, .NET MVC, Webforms
-   C#, REST API, Entity Framework
-   C# Class Libraries, Abstract, Entities, Data Layers, Nuget packages
-   TDD, xUnit, Moq, GitLab, CI/CD
-   MSSQL, IIS

03.2014 – 06.2022

Company: Mission Communications Ltd. - www.mission-communications.net
Location: London, UK.

Position: *2017 - now:* **Senior Web developer - full stack**.
Responsibilities:

- Building, testing, maintaining and deploying bespoke web applications of various size (including REST API's) using .Net Framework 4.5, .Net MVC, .Net Core 2.2, 3.1, 5,
- Designing, creating and maintaining relational databases (MSSQL, T-SQL)
- Designing and building a centralized system (MissionSystem) to manage and provide data for several API clients. This includes Admin app, bespoke CMS, custom authoriser API app (oAuth standard), Cache management, REST API app, QR codes generating
- Implementing 3rd party API's (Ticket providers, auth services, payment gateways etc.)
- Building reusable C# libraries (nuget packages) shared across projects
- Creating unit testing for Data repositories (nUnit, Moq)
- Maintaining source control (TFS, Git)
- Maintaining dedicated (load balanced) Web servers (IIS, Nginx) and SQL Servers (Microsoft)
- Cloud web services (digitalOcean)
- Creating node modules, webpack builds for frontend developers
- Managing complex projects from start to finish
- Leading small team of developers on certain projects

Position: *2014 - 2017:* **Web developer - full stack**.
Responsibilities:

- Building, testing, maintaining and deploying bespoke web applications of various size
- Maintaining and making changes in existing relational databases (MSSQL)
- Creating and implementing features to meet clients requirements

Technologies:

- .NET Framework 4.5, .NET Core (2.2, 3.1, 5) MVC, Webforms
- C#, API (REST, SOAP), Entity Framework, oAuth, Ninject
- Third party API's
- C# Class Libraries, Abstract, Entities, Data Layers, Nuget packages
- TDD, nUnit, Moq, Git, TFS
- MSSQL (T-SQL, Store Procedures, Views, Maintenance), IIS, Nginx
- HTML, CSS

06.2012 – 03.2014

Company: The Hideout Ltd. - www.thehideout.co.uk
Location: Maidstone, UK.

Position: **Web developer**.
Responsibilities:

- Building and maintaining websites mainly based on open source CMS systems
- Maintaining and making changes in existing relational databases (MSSQL)
- Creating and implementing features to meet clients requirements

Technologies:

- .NET Framework 4.5, ASP Classic, PHP 5.3, AS 3.0
- javascript (html5 games), html/css
- MySQL, MS SQL, IIS, Apache web server

09.2010 – 08.2011

Company: FLIGHTSCOPE TENNIS. (ATP & WTA Tennis events, statistic systems) - www.flightscopetennis.com
Location: Gliwice, Poland.

Position: **App developer and designer**
Responsibilities:

-   Working with XML data and presenting it on big LED screens

Technologies:
-   Flash
-   AS 3.0, C#, Microsoft SQL

09.2008 – 09.2012

Company: MM PROJECT STUDIO. - www.mm-project.eu
Location: Częstochowa, Poland.

Position: **Web/Flash developer and designer**.
Responsibilities:
-   Building and maintaining websites mainly based on open source CMS systems
Technologies:
-   Flash and Flex projects
-   AS 3.0, php, XML, greensock, tweener html/css, javascript (Ajax, jquery)
-   CMS Contao, osCommerce, Prestashop, Joomla
-   MySQL, Apache Web Server

CHOSEN PROJECTS

ECCAIRS (aviationreporting.eu) - ECCAIRS (European Co-ordination Center for Accident and Incident Reporting Systems) is a digital platform integrating European National Aviation Authorities (NAA's) and Safety Investigation Authorities (SIA's).

Responsibilities: Integration ECCAIRS REST API with Centrik Safety Software to Import taxonomies and submit safety related occurrences

Technology: C#, .Net Framework, MS SQL, REST API

Sesame Unlimited (sesameunlimited.com) - bespoke multilingual e-commerce website with sales admin dashboard, content and affiliate management systems. Ticket selling platform for a variety of attractions across the US and Europe. Today they offer over 50 different attractions and numbers are growing each day.

Responsibilities: Design, create, maintain databases, create and test C# Abstract, Data and Entity layers libraries, Create standalone Web API to consume 3rd party and provide access for Web applications (websites, android, ios, other API's), building ordering system and implement Stripe/PayPal payments, integrate project with centralized system (MissionSystem)

Technology: C#, .Net Framework, MS SQL, REST API

Sightseeing Pass (sightseeingpass.com) - bespoke multilingual e-commerce website with sales admin dashboard, content and affiliate management systems. Today, they operate in 14 cities across the US and have expanded overseas to Spain and the UK

Responsibilities: Design, create, maintain databases, create and test C# Abstract, Data and Entity layers libraries, Create standalone Web API to consume 3rd party and provide access for Web applications (websites, android, ios, other API's), building ordering system and implement Stripe/PayPal payments, integrate project with centralized system (MissionSystem)

Technology: C#, .Net Framework, MS SQL, REST API

MissionAuthoriser - authorisation REST API (oAuth standard) for several api clients (apps and 3rd party)

Responsibilities: Design, create, maintain database, create and test C# Abstract, Data and Entity layers libraries. Create standalone Web API for several clients to create auth tokens and provide permissions (Claims)

Technology: C#, .Net Core 2.1 MVC, MS SQL, REST API

AdMission - ticket entry system. REST API and Admin Dashboard. Created to cater for a need from our clients to provide a reliable, fast, secure and economical ticketing and entry system for commercial buildings, transport and other uses

Responsibilities: Design, create, maintain database, create and test C# Abstract, Data and Entity layers libraries. Create standalone Web API for several clients (scanning qr codes), integrate project with centralized system (MissionSystem)

Technology: C#, .Net Framework, MS SQL, REST API

MissionSystem - centralized complex system including REST API, Admin Dashboard, Cache management, C# libraries. Created to manage, gather/provide data from/to multiple clients (websites, ios and Android apps, 3rd party API's, payment systems etc.)

Responsibilities: Create and test C# Abstract, Data and Entity layers libraries. Creating unit tests for API Context Repositories

Technology: C#, .Net Core 2.1 MVC, .Net Standard, MS SQL, REST API

New York Pass (newyorkpass.com) - bespoke multilingual e-commerce website with sales admin dashboard. New York based company acquired the rights to operate The New York Pass, a pre purchased smart card that gains visitors entry to attractions providing the visitor with large savings
Technology: C#, .Net Framework, MS SQL

Go Buses (gobuses.com) - bespoke system comprising website, apps and admin tools to enable Go Buses to fully realize their plans. In addition, REST API for 3rd party sellers to obtain live pricing and book tickets.
Technology: C#, .Net Framework, MS SQL

Angels Den (angelsden.com) - online platform to compete in the crowdfunding market. Required to meet stringent FSA regulations and deliver a complex site for multiple user types.
Technology: C#, .Net Framework, MS SQL

HOBBIES

beer brewing, retro gaming, music, basketball, snowboard, books, new technologies