Brandon Ochia
.NET Developer

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Professional Summary

- 6 years of experience in C# and the .NET technology stack, including .NET Core and ASP.NET MVC.
- 2 years of experience working with Node.js microservices written in TypeScript and Express.js.
- Proven expertise in designing and implementing multi-tenant microservices and Web APIs.
- Proficient in MS SQL, with a strong focus on writing and optimizing stored procedures for SSRS reports.

Skills & Technologies

Programming Languages: C#, VB.NET, TypeScript, Javascript, Python, HTML, CSS
Frameworks / Libraries: .NET Core, ASP.NET Core, ASP.NET MVC, Node.js (Express.js), JQuery, Bootstrap
Database: MS SQL, Entity Framework (EF6, EF Core), TypeORM
Unit Testing: NUnit, XUnit, MS Test, NSubstitute, Moq
Version Control: Git, GitFlow, TFS
Cloud: Azure (Blob Storage, App Services, App Insights, Pipelines)
Natural Languages: English, Spanish (Conversational - B1)

Work Experience

VML MAP
February 2022 – Present, Madrid, Spain
.NET / Node.js Backend Developer

- Developed, supported, and tested ASP.NET Core web APIs and microservices used to create marketing material to be sent out to millions of target customers.
- Built a multi-tenant TypeScript based Node.js microservice from scratch, which automates the translation of marketing content by integrating with external translation services.
- Created a database migration/seeding framework to automate the moving, manipulation, and creation of data between feature releases. Saved hours of time for each platform release across the 25+ environments.

Cybertrol Engineering
January 2019 – February 2022, Minneapolis, MN
Full-Stack Software Engineer

- Built bespoke full-stack websites using ASP.NET MVC and RESTful web APIs, that enabled clients to manage industrial automation entities.
- Developed Windows services for collection of manufacturing data from PLCs, while adhering to DRY & SOLID principles to ensure clean, maintainable code.
- Built SSRS reports via SQL queries to display manufacturing process data, allowing clients to make process optimizing decisions.
- Built HMIs via WinForms for medical manufacturing - allowing for more efficient and simplistic processes for operators.

Lexx Technologies (Start-up)
Summer 2018, Melbourne, Australia
Software Development Intern

- Created numerous PDF processing python scripts for the extraction & cleaning of data and images.
- Leveraged AWS EC2 Ubuntu instance to run PDF data extraction scripts.

Projects

PDF Processor Nuget Package
- Created & deployed a Nuget package with classes to assist in splitting and/or merging PDFs. Includes implementations that allow for processing PDFs in memory or using file storage.
- Utilizes Azure DevOps pipelines for automated package releases.
- Nuget package - https://www.nuget.org/packages/PdfTools.SplitMerge/
- Github - https://github.com/bochia/PDFToolsCSharp

Productivity Chrome Extension
- Built a private google chrome extension to help our team's developers effortlessly switch between client environments via automatic URL manipulation.
- Extension utilizes Google Analytics events to track usage numbers. Has over 2k+ uses by the entire team.

Education

University of Wisconsin – Madison
B.S. in Mechanical Engineering
September 2014 – December 2018
GPA 3.73

Relevant Courses:
- Intro to Programming (Python)
- Data Structures (Java II)
- Intro to Robotics (Python)
- Engr. Measurement & Instrumentation. (LabView)