Zachary Hadjah

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https://github.com/zhadjah9559

Academic Background

Westfield State University
BS Computer Science
Sept 2016 - Dec 2020

Frameworks:
ASP.NET CORE, .NET6, Identity Framework, Entity Framework Core

Languages and Libraries:
C#, Typescript, Javascript, Angular, ChartJS, MongoDB Driver, XUnit, Fluent Assertions, Fluent Validations, Serilog, Seq, EPPlus, OAuth (Google, Github, Facebook, Twitter), Java, HTML, CSS, Bootstrap 5

Architectures:
MVC, MVVM, Microservices

Database Softwares:
MongoDB Compass, SQL Server, PostgresSQL

Tools:
Oracle Agile, Swagger, Visual Studio, Azure TFS, Jira, Gitlab, Heroku, Github, Visio, Slack, MS Word, Excel, Powerpoint

Experience

Software Engineer 2
Dell EMC | June 2021 - November 2022

- Utilize multiple internal tools to pull schematics, blueprints, and excel files which are used to configure PCIe cards
- Troubleshoot and fix over 40+ incorrectly ordered products
- Participate in daily sync calls to fix hard drive issues
- Communicate with Product Owners, Business Executives, and Engineering management in an agile environment to implement ongoing features, product maintenance, and documentation for the Ecommerce team, specifically the Cart team.
- Refactor Legacy Code utilizing ASP.NET Core Framework
- Implemented MVC architecture, MongoDB Driver nuget package, Bootstrap 4, FluentValidations, XUnit, Moq, and open source ASP.NET Core technologies to create an internal admin tool that allowed the Ecommerce team to quickly edit multiple collections that are stored inside a MongoDB database

- Fixed Defects assigned by Product Owners and Scrum Masters pertaining to Front end data errors, coding errors, CSS issues, aswell as refactoring backend XUnit tests, POCOs, and Controllers.
- Utilize Chrome's Dev Tools and Swagger API to analyze Dell's Cart functionality. Ensured that all correct API Responses were called, UI/UX were properly laid out, and that the Cart was functioning as fast as possible.

Student Software Engineer
Coder Foundry | December 2020 - March 2021
- Create full-stack web applications utilizing .NET5 and C#
- Implement the MVC Design pattern, Object Oriented Principles, and Visual Studio's scaffolding technologies in order to build and maintain the backend of web applications
- Implement code-first approach to Database Management
- Utilize Microsoft's Entity Framework Core and Postgres SQL to store data (authenticated user information, Models, user input, etc)
- Utilize Serilog structured logging to document errors, warnings, user input, calculations, and other pertinent information
- Store logged information to local Seq servers, text files, and databases
- Incorporate Test-Driven Development methods such as XUnit Testing and FluentAssertions validation to ensure proper calculations, proper algorithm analysis, and proper data manipulation
- Manipulate UI/UX elements in order to create websites that are visually appealing using HTML5, CSS3, Bootstrap 4
- Utilize ChartJS and AJAX for Data visualization
- Implement source control via Visual Studio's Github extension
- Participate in Scrum meetings via Microsoft Teams and Zoom in order to implement Software Requirement Specifications (SRS), user stories, and discuss progress, bugs, solutions, and future goals.
- Publish web applications to the cloud using Heroku or Netlify

References:
Oluwafemi Favour Alabi (Software Engineer at Dell EMC)
(832) 614-3922

Dallas Maddox (Software Engineer at Dell EMC)
(623) 313-7136

Simon Boaz (Retired Principal Engineer at Dell EMC)
(512) 965-2410

PROJECTS
- internalissues.herokuapp.com/Identity/Account/Login
- https://tdddemo.herokuapp.com/
- https://zacharyhadjahmortgagemanager.netlify.app/