**EDWARD D. ABRAMS**

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**OBJECTIVE:**

Quality-driven software engineer seeking a position in development and design within a fast-paced, agile environment.

**WORK EXPERIENCE:**

**United Wholesale Mortgage** *(Software Developer II)*Sept 2019 – Present

*Edge NoSQL Migration (May 2022 – Present)*

- Designed the organization’s first polymorphic NoSQL model with a flexible schema

- Migrated existing data from SQL Server to Azure CosmosDB

- Updated monolith factory pattern code from using dynamic inline SQL to MongoDB queries

- Went from 96% null column values to only storing populated data in BSON documents

- Replaces maintenance costs of on-premises server with auto-scale cloud support

- Allows developers to add code without changing the schema, eliminating legacy Database Administration concerns

*Bolt (Apr 2021 – Apr 2022)*

- Served as the technical lead on a new distributed .NET Core 3.1 microservice application

- Created RESTful API endpoints for a robust income calculator to qualify borrowers

- Moved complex calculations previously done in an Excel spreadsheet to Bolt

- Decreased initial underwriting of loans from 30 minutes to 5 minutes

*Edge URLA Project (Mar 2020 – Mar 2021)*

- Updated Edge platform to be compliant with new regulatory standards before competitors

- Created stored procedures, tables, and XML structures to support added pages

*Developer Experience (Sept 2019 – February 2020)*

- Voted MVP for providing exemplary peer mentorship throughout the course of our training

**EDUCATION:** **SKILLS:**

**Michigan State University** - C#, Python, SQL, NoSQL, JSON, XML

Elementary Education - OOP, N-Tier Architecture, MVC, DDD

Bachelor of Arts, May ’15 - VS, SSMS, Azure, MongoDB, Git

G.P.A.: 3.5