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PROFESSIONAL SUMMARY

- Two (collective) years of automated testing experience.
- Two years of front-end development experience.
- Two years of full-stack development experience.
- Two years of back-end development experience.
- Six years of manual testing experience.
- Experience with AngularJS, NodeJS, ReactJS, MVC, WebApi, etc.
- Experience building RESTful services using .NET Framework/Core WebAPI.
- Experience building micro services using .NET Framwork/Core WebAPI.
- Experience building solutions using Test Driven Design principles.
- Experience collaborating with others using GIT.
- Experience building web front-end experiences using AngularJS and ReactJS.

TECHNICAL SKILLS

- **Languages:** C# (Advanced), Javascript (Intermediate), Ruby on Rails (Intermediate), Java
- **Operating Systems:** Windows, macOS, Linux
- **Cloud:** Heroku, Azure, AWS, Redis
- **Web:** ReactJS (Intermediate), JSON, Basic Auth, Jwt
- **Database:** Microsoft SQL Server, Postgres, MongoDB, CosmosDB

PROFESSIONAL EXPERIENCE

August 2018 - Present
HomeLight
Senior Software Engineer

- Decoupled Investor business from Agent business by:
  - Collecting requirements from each business
  - Identifying commonalities of each business
  - Generating the following phased project plan:
    - Create new entities
    - Implement business rules

- - Check data parity
    - Back fill required data
    - Remove stale code
- Fixed http timeouts to an in house priorty queue by identifying and implementing the following:
  - Hourly scheduled job to prune all unworkable leads
  - Prune top N leads from the queue (where N is configurable) on every get request
  - Optimize prune operations by utilizing the native Redis zrem API
  - Optimize business rules for determing workability
    - Order workable checks to be most optimal
    - Remove stale or redundant operations
    - Decrease the call quantity to the database by removing or combining queries

March 2016 - August 2018
Carvana
Software Engineer

- Built SOA software for a transaction process. This involved creating small services for determining purchase price, available ancillary products, payment and financing options, and purchase orders.
- Used .NET Core and Service Fabric to build highly scalable services.
- Transformed a monolithic transaction process into a cohesive an maintainable series of single responsibility services.
- As a member of a SCRUM team I participated in identifying best practices and code standards. These included:
  - Clean Code
  - S.O.L.I.D.
  - Unit and Integration Tests
  - Clean/Onion Architecture

April 2015 - March 2016
Spireon, Inc.
Lead Software Engineer

- Built a vehicle tracking web solution utilizing google maps to to determine a path using multiple geo points.
- Built a RESTful API using ASP.NET WebAPI.
- Implemented basic CRUD operations.
- Directed and participated in the develompment of an iOS app written in Objective-C and Swift.

April 2011 - April 2015
InEight, Inc.
Software Engineer I

- Built a web admin portal using AngularJS and Bootstrap.
- Learned and used the following "Best" development practices and principles:
  - Inversion of Control
  - Bootstrapping
  - Seperation of Concerns
  - S.O.L.I.D.
  - Test Driven Development
- Built RESTful APIs and micro services using NodeJS.
- Used socket.io to create open sockets for web clients to allow asynchronous updates.

Senior Quality Assurance Engineer

- Used ASP.NET MVC4 to build a rudimentary CI tool that facilliated the selection and deployment of specific application builds to different test environments.
- Translated manual test cases into automated test scripts using the Ranorex DLL.

February 2009 - April 2011
UTC Retail, Inc.
Quality Assurance Engineer III

- Built a test automation framework using QuickTest Professional and Visual Basic.

March 2008 - February 2009
Mediserve Information Systems, Inc.
Quality Assurance Engineer II

- Created and executed manual test cases against .NET applications using MS Sql Server persistence. Formed and executed SQL queries to validated data was correctly stored in MS Sql Server.

May 2006 - March 2008
Océ Reprographic Technologies
Quality Assurance Engineer I

- Created automated test scripts using QuickTest Professional.

EDUCATION

American InterContinental University Online

- Bachelors in Information Technology
- Associates in Business Administration