Michael Schreiber, Full Stack Software Engineer

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I thrive in fast-paced, dynamic environments, embracing the challenge of developing high-quality software solutions using Software Engineering best practices and methods. Engaging with end-users and customers, I seek to understand their needs and identify effective software solutions. My experience involves working alongside senior engineers, cross-functional teams and stakeholders in an AGILE programming environment.

Skills
- C#, Java, Angular, SQL/MySQL/SQLite, Python
- .NET, Xamarin, Maui, Selenium, Serenity, Specflow, and others
- Git, Microsoft Azure, Postman, Microsoft Service Bus
- CompTIA A+, CompTIA Project+, ITILv4
- Agile/Kanban/Waterfall

Core Strengths
- Strong attention to detail – demonstrated analytical and problem-solving skills.
- Exceptional communication skills, especially with end-users and leadership.
- I am comfortable working with hands-on helpdesk tasks as well as software projects.
- Ability to work collaboratively on cross-functional teams and independently.
- I quickly learn and develop new skills,
- I stay up to date with current and future technology trends.
- Solid decision making, problem solving and critical thinking skills.

Education
- **Western Governors University** - B.S. Software Development
  - Created software using C#, SQL, C++, and Python
  - Created mobile, desktop, and database applications.
  - Acquired critical software development theory, Object Oriented Programming and fundamental development skills.
- **Sierra Nevada University -** M.A. Teaching and Education K-12
- **University of Nevada Reno -** Dual B.A. in History and Political Science.

Work Experience
- **ITS Logistics LLC:** Reno, Nevada | QA Automation Engineer – *Current*
  - **SDET –** Develop and maintain a robust Java/Serenity test suite for our Front-End Applications and API systems using industry best practices.
  - **Manual QA Engineer –** Work alongside developers and other stakeholders to design, execute tests, and document results using Microsoft Azure.
- **Bearplane LLC:** Colorado Springs, CO | Software Development Intern – 11/21 – 7/22
  - C# software development in Visual Studio and Unity
- **Washoe & Lyon County Schools:** NV | Classroom Teacher – 06/17 - 01/2021

Projects

- **Portfolio Website –** Angular, Microsoft Azure
  - A SPA Angular project to showcase some skills using Angular.
  - The angular framework was used to display information, route data and take advantage of many of it's core strengths.
  - Additionally, heavy use of HTML, CSS and Javascript fundamentals

- **Student Dashboard Mobile Application** – Using Xamarin, C#, SQLite
  - A mobile application for a student to manage their classes.
  - Allows for the creation of Terms, and up to 6 classes per term.
  - Courses have many editable features which can be accessed from the UI.

- **Appointment Tracker Desktop Application** – C#, WinForms, and MySQL database
  - An application for setting and tracking appointments with a specific customer or customers. Extensive validation using SQL keys and C# date validations ensured no appointment would overlap or intrude on other appointments.
    - Login form with validation – only users in the database with correct password enabled are allowed to log into the application.
      - Additionally, a user log is generated and saved off-site whenever a user successfully or unsuccessfully logs in.
    - Database using MySQL. I implemented a robust system of primary and foreign keys amongst the tables. These keys were fundamental in establishing relationships between the tables and enforcing referential integrity.
  - Use of inheritance, abstraction, encapsulation, and polymorphism.

- **Inventory Management Application** – C#, WinForms, and MySQL database
  - This application is used to manage products and their individual components. There are many ways to add and edit different products and the parts associated with each product.
  - Use of Abstract classes to simplify object building within the codebase.
  - Primary keys ensured data accuracy and integrity.
  - Use of inheritance, abstraction, and encapsulation.

- **Student Class management Console Application – C++**
  - A console application built to manage a student's enrollment information including student, courses, school and instructor information.
  - Classes and methods are defined for "student" and various information related to the "student" class.