Bjørn Mathisen

Cell 224-622-8543 || Email thebcm27@gmail.com

Automation Engineer and Software Developer | Minneapolis, Minnesota

SUMMARY

I am a highly skilled full-stack developer with a strong background in C# programming. My experience includes developing and maintaining complex applications, creating, and managing databases, implementing automation, UI testing, and API testing. With a passion for delivering high-quality software solutions, I am committed to staying up-to-date with the latest technologies and best practices. I excel in both individual and team settings and am always eager to take on new challenges and opportunities to grow as a developer.

TECHNICAL SKILLS

.Net: *C#, C++, ASP.Net, .Net Core, MVC, MVVM.*   **Web**: *JavaScript, XML, WPF, TypeScript, Java.*

Database: *MS SQL, Mongo DB.*   **Automation**: *Selenium, C.A.T.S., Postman, Cypress, Cucumber.*

Tools: *Azure DevOps, Jira, Trello.*   **IDEs**: Visual Studio, Rider, VS Code, Eclipse.

WORK EXPERIENCE

Cognizant Softvision: Minneapolis, MN

July 2021 - Present (1 year 8 months) **| Automation Engineer and Quality Assurance Engineer**

As an Automation Engineer and Quality Assurance Engineer, my role involves ensuring the quality and reliability of software solutions for clients in the retail and healthcare industries. I am responsible for developing and implementing automation scripts and performing various testing methods to guarantee that the software meets the highest standards of quality.

Collaborating closely with cross-functional teams, I ensure seamless project delivery that meets or exceeds client expectations and requirements. My achievements include the development of a reusable automation code library that enhanced project efficiency and reduced development time by 20 percent. I also received recognition from the management for my excellent teamwork and collaboration on a large-scale retail project.

Client: TriZetto **Provider Solutions**

Aug 2022 – April 2023 | **Automation Engineer**

- Collaborated with TriZetto Provider Solutions, a healthcare insurance payment provider, to execute daily tests, plan testing activities, estimate testing efforts, and analyze requirements to align with their product needs and project objectives while maintaining a stringent defect detection process. Worked with the client's product owners and developers to ensure 100 percent code coverage and fast turnaround time on all QA tasks using Azure.
- Created frontend manual and API endpoint test cases based on KABAN user stories in Azure, ensuring alignment with technical requirements and product acceptance criteria in an efficient manner.
- Conducted manual testing of API endpoints using Postman and Swagger prior to automation.
- Used Selenium C# with the C.A.T.S framework to develop automation tests for both the Javascript web portal frontend and API endpoints, seamlessly integrating automation stories into the Azure CLI automation pipeline and generating comprehensive reports on test results for the QA team lead.
- Developed locator and selector utilities to streamline automation processes for the entire team.
- Detected bugs during the testing process and created detailed bug reports in Azure for the development team to fix issues quickly and efficiently.

Client: Trane Technologies

July 2021 – Aug 2022 | **Quality Assurance Tester & Automation Engineer**

- Created and executed manual and automated test cases using Selenium C# for a point-of-sales portal, while using Jira for issue tracking and project management.
- Conducted daily testing of API and UI elements using the Chrome Dev Tools and Postman.
- Analyzed existing workflows to detect bugs and ensured maintenance and reported existing bug reports during the project life cycle.
- Ensured direct and continuous communication with developers and product owners to maintain 100 percent code coverage, delivering a fast turnaround time on all QA tasks.

Andersen Windows: Minneapolis, MN

Jan 2021 – June 2021 - 6 Month Contract | **Software Engineer**

- Collaborated with a small team in an Agile environment to efficiently add new products and implement changes to existing products in Home Depot's point-of-sales software's backend services using C# and API endpoints.
- Developed individual unit tests for each product using NUnit prior to submitting them to QA for quality assurance testing.
- Used Jira to manage the team's work items, tasks, and project backlog while maintaining an accurate record of each product and changes made.
- Maintained daily communication with the QA team to ensure thorough and timely testing of completed work.
- Conducted code reviews and used Git to keep the codebase organized and maintainable.

Micro Center: Saint Louis Park, MN

Nov 2019 – Jan 2021 | **Computer Service Technician**

- Repaired computer systems by diagnosing and troubleshooting hardware and software issues.
- Managed inventory and ordered parts to ensure timely and efficient repairs.
- Interacted with customers to provide technical support and resolve issues.
- Developed Bash, PowerShell, and Python scripts to identify and resolve technical issues on computer systems.

Martina Carter Entertainment: Chicago, IL

Aug 2019 – Dec 2019 - Freelance | **Website Programmer**

- Collaborated with Martina Carter Entertainment to design and develop a static website that served as both a portfolio and booking software.
- Used HTML, CSS, and JavaScript to create a visually appealing and user-friendly website with a responsive design that worked across multiple devices.
- Integrated Google's appointment scheduling software as a third-party solution to enable customers to book entertainment services directly through the website.
- Worked closely with the client to gather requirements, provide progress updates, and incorporate feedback into the website design and functionality.
- Conducted thorough testing and debugging to ensure the website functioned correctly and met all project requirements.

Zerma | Chicago, IL

Jan 2019 – July 2019 - Freelance | **Data Analyst and Python Programmer**

- Created a SQL database and developed a Python web crawler to extract customer information from three separate databases.
- Applied ETL (Extract, Transform, Load) techniques to cleanse the extracted data and merge it into a single database.
- Removed 100 percent of the inaccurate customer data, resulting in a reduction of the database size from 45,000 non-usable data points to 17,000 usable data points.
- Successfully saved the client's corrupted customer records, ensuring the accuracy and consistency of customer data across the merged database.

EDUCATION AND TRAINING (CERTIFICATIONS)

- **Bachelor's in Computer Science** | Principia College | 2014-2018
- **Toastmasters Competent Communicator** | Gavel Club | 2014
- **Eagle Scout | Troop 161** | 2013

Eagle Scout is not just an award; it is a state of being. It represents integrity and the ability to do hard work.

PERSONAL PROJECTS

- Created micro-controller 16-bit functional computer with custom hardware OP code.
- Created Arduino micro-controlled humidity detector.

LANGUAGES

- **Language** | English | Fluent