

Joshua Guenther

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Innovative Software Developer talented at developing practical solutions in a tight timeframe to meet user specifications. Maintains exceptional development quality from conception through distribution.

Skills

- **Programming Languages & Frameworks:** Python, Java, C, C++, JavaScript, TypeScript, React, HTML5, CSS3
- **Development Tools & Libraries:** Git, GitLab-CI, SQL, Node.js, MongoDB, D3, Pandas, Numpy, Selenium, Beautiful Soup, Magic Mock, npm, Yarn
- **Database & Version Control:** MongoDB, SQL databases, Git, Bitbucket, Confluence, Jira
- **Testing & Quality Assurance:** Experience with Black Box, White Box, Boundary, Edge Case, Functional, Regression, Automated, and Performance Testing
- **Web & Software Development:** Proficient in full-stack development, including both client-side and server-side applications, with a focus on performance and scalability
- **Soft Skills:** Strong problem-solving abilities, effective communication, teamwork and collaboration
- **Project Management:** Proficient in Scrum and Agile methodologies, experience with project management tools such as Jira and Confluence

Work Experience

Software Test Engineer

2022/01 – 2023/04

Kenota Health, Kitchener, ON

- Conducted functional and regression testing, analyzed results, and submitted observations to the development team.
- Documented integration issues and vulnerabilities within our product while suggesting improvements to design process.
- Wrote and optimized test cases to maximize success of manual software testing alongside rigorous documentation.

Software Developer

2020/01 – 2020/08

Geoware Inc, Waterloo, ON

- Triaged and remediated issues affecting the Java production environment.
- Fixed existing SQL queries to enhance database performance whilst minimizing overlooked errors.
- Developed robust testing frameworks tailored for both exploratory and boundary testing.

Software Developer

2019/05 – 2019/08

Georef Systems Ltd, Waterloo, ON

- Wrote code using C++ to fix bugs specifically in edge cases and managing data-flow from databases.
- Performed Black box and White box testing for both console and web applications.
- Organized assignments between myself and another developer to ensure quality and maximize efficiency in complex tasks.

Help Desk Analyst

2018/05 – 2018/12

Faithlife Financial, Waterloo, ON

- Provided internal staff and brokers with tier 1 software support and general technical support.
- Developed new scripts to automate manual processes, eliminating potential user error and overall consistency
- Documented user issues, existing code, and complicated processes to increase ease of use.

Education

Bachelor of Computing: Software Engineering, Business Minor

University of Guelph - Guelph, ON