Nathan **Giesbrecht**

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Work Experience

Web Application Team Lead

QDoc   *June 2023 - present*

- Assumed ownership of significant portions of the application, becoming the go-to expert for team members seeking guidance and assistance in these areas
- Mentored teammates, including co-op students, fostering their growth and development. Conducted daily standups to align the team, foster collaboration, and address challenges
- Proactively planned for the project's future, strategically allocating features to sprints, and evaluated sprint design for continuous improvement
- Achieved measurable results, such as reducing sprint lengths from over 6-weeks to a consistent 2-week cadence, reducing the time cost of testing phases by 50%, and streamlined gitflow practices to increase efficiency
- Conducted interviews, reviewed resumes, and ensured the right talent was onboarded to build high-performing teams
- Tracked individual team member performance for performance reviews, allowing for achievement-driven assessments and continuous improvement

Software Developer

QDoc   *May 2022 - June 2023*

- Assumed ownership of a critical component within the project, responsible for managing all filtering aspects of the application's queue system. Demonstrated initiative in refactoring and enhancing this component, resulting in improved system efficiency and reliability. Continuously maintained and optimized the filtering module to meet evolving project requirements, ensuring seamless operation and contributing to overall project success
- Designed and implemented back-end logic for paramedics to connect ambulance patients directly with the director of ambulance services. Additionally implemented front end UI to support this feature.
- Initiated the addition of testing frameworks and initial unit testing suites for the existing project, creating 20+ suites from scratch
- Designed and developed a scheduling system for physicians, to reduce user time spent in queue and minimize cancellations/lost revenue

Junior Cloud Developer

VALUE PARTNERS INVESTMENTS   *Sept 2021 - Dec 2021*

- Researched, developed and deployed an Excel Add-In that allowed consultants to access financial databases through a GUI and Excel custom cell functions. Utilized an Azure hosted API and secured with OAuth
- Contributed to a project designed to parallelize reporting functions, decreasing the runtime required for consultants to generate financial reports

Junior Software Developer

AGRICULTURE AND AGRI-FOOD CANADA   *Jan 2021 - May 2021*

- Researched and applied new technology/libraries and presented this technology to multiple teams, to allow for use in future projects
- Revamped and tested the user permissions and roles matrix across the entire main project site

Technical Skills

Languages and Databases

EXPERIENCE WITH:

- AWS, Lambda, DynamoDB, React, Redux, MUI, Unity, Azure, Vue, JS, Bootstrap, Groovy, SQL, Java, Python, C/C# /C++, and Git

Education & Awards

B.Sc. Computer Science Major (Co-op Option)

UNIVERSITY OF MANITOBA   *Sept 2018 - March 2023*

- Cumulative GPA 3.88 / 4.5
- Honor List : Fall 2018, Winter 2019, Fall 2020, Winter 2022

Projects

Gnoll Way Home - Unity Game

PERSONAL   *December 2021*

- Developed a game over the course of 3 weeks. Written in c# and Unity and published to Itch.IO
- Organized player testing during development to enhance user engagement and fine tune mechanics