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| Avery  Briggs | Moose Mountain, N.B. | https://github.com/abriggs914  (506) 323-8472 | abriggs914@gmail.com |
| Dear Hiring Team at Mariner,  I’m writing to express my interest in the Solution Architect role at Mariner. With nearly five years of experience designing, building, and maintaining internal systems in a fast-paced manufacturing environment, I’m excited by the opportunity to contribute to an organization that thrives on solving complex problems, delivering lasting solutions, and empowering people through technology.  At BWS Manufacturing, I’ve served as an in-house developer responsible for full-stack tool creation—from MS SQL database design to Python-based dashboards and production scheduling apps. My work included architecting internal systems that support everything from IT ticketing to geo-based reporting, often independently gathering requirements and deploying maintainable solutions. This hands-on experience has deepened my technical foundation in Python, SQL Server, Access, and UI frameworks like Streamlit and Tkinter, while reinforcing the importance of clean design and user-centric thinking.  What excites me about Mariner is your emphasis on turning novel ideas into practical outcomes, and your track record of making a difference across industries—from energy to social enterprise. I’m particularly drawn to your focus on building a company that lasts, driven by values like service, innovation, and continuous growth. I see this role as an opportunity to deepen my exposure to cloud architecture, DevOps, and risk-informed decision-making, all while contributing to solutions that have lasting impact.  I’d welcome the chance to bring my practical experience, curiosity, and strong sense of ownership to your team, and to continue learning from the diverse perspectives Mariner fosters. Thank you for considering my application—I hope to connect soon to discuss how I can support your work.  Warm regards, **Avery Briggs** | |
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| ExperiencePROCESS ANALYSTBWS Manufacturing Ltd. | Centreville, N.B.Jan 2021 – SEPT 2025 Acted as in-house systems developer and administrator for a mid-sized manufacturing plant. Offered some on-site IT support while liaising with external IT providers, managing firewalls, cloud backups, VPNs, and various network requirements. Primary responsibilities involved mainly systems improvements, from business logic creation to product design, delivery, and maintenance. Replaced legacy graphs and reports with modern and interactive dashboards integrating Streamlit and python environments alongside Syspro, SQL, and MS Access environments. Promoted system health and reliability by proactively refactoring inefficient queries, cleaning data pipelines, and optimizing frontends for usability. Supported end users and gathered business requirements directly from staff; translated ambiguous needs into deliverable systems.  Notable Projects:   * IT Request and Inventory ticketing systems. Built from scratch using SQL and Access. * Custom drag-n-drop production schedule. CustomTkinter application packaged into an executable file. * Streamlit dashboards for sales, inventory, BOM department core functions; including inputs and reporting. * PDF parsing of legacy reports. Performed using python and modules: pdfplumber, streamlit, and pytesseract. * Implementation of Access version control protocols to maintain program integrity. * Yellow Tag system to automatically flag, record, and report missed parts when picked for production. * Repaired a K40 laser engraver, replacing the CO2 tube and re-wiring. | |
| Basketball RefereeCBOC | Fredericton, N.B.OCT 2013 – MAR 2020 Officiated 500+ games across multiple competitive levels. Known for composure, fast decision-making, and impartial enforcement in dynamic environments. | Kitchen staffFMI Burger King Restaurants | Fredericton, N.B.MAY 2015 – sept 2017 Delivered consistent customer service in fast-paced team environments while managing academic responsibilities. |
| fARM HANDHunter Brother’s Farm Market | Florenceville-Bristol, N.B.jun 2011 – aug 2013 (Seasonal summer position)Demonstrated discipline and responsibility through early morning shifts and physically demanding labor in an agricultural setting. Responsible for grading and collection of produce sold both in-market and whole-sale. | Basketball minor officialVarious schools | N.B.NOV 2006 – MAR 2013 (seasonal winter postion)Became the resident clock-keeper for FMS and CNHS during my time there. Responsible for coordinating and training other officials for all games for nearly all school teams throughout the year. |
| EducationBachelor of Computer scienceUNB - Fredericton N.B.MAY 2020  * Began studies in the faculty of science with a specialization in chemistry. Finished my studies in the faculty of computer science with a specialization in software systems. * Recipient of Governor Thomas Carleton Entry Scholarship.  High School diplomaCarleton North High School – Florenceville-Bristol N.B.JUNE 2013  * Enrolled in the French immersion program. | |
| Skills | |
| |  |  | | --- | --- | | Technical   * Microsoft Office applications 2007 – 365. Affinity for Access and Excel. * Windows computer architecture. * Database work: Microsoft SQL Server 2008, MS Access. * Languages: SQL, Python, VBA, Java. * Exposure to Syspro ERP system coupled with custom VB script solutions. * Tools and libraries: streamlit, tkinter, pandas, pdfplumber experience. * Experience using coding agents to debug and build. | Other   * Exceptional communication and collaboration. * Strong work ethic and drive. * Quick study, and resourceful. * Responsible and dedicated. * Friendly and accountable. * Perceptive and cooperative. * Trustworthy and enthusiastic. | | |
| ACCOMPLISHMENTS, VOLUNTEERING & CERTIFICATIONS | |
| * Certified intermediate plus in the French oral proficiency exam (June 2013). * UNB dormitory orientation committee (September 2014). * UNB dormitory social representative (September 2014 – April 2015). * UNB Relay for Life steering committee logistics team (September 2013 – February 2014). * One of 12 finalists in the Kaspersky Academy Partner’s Summit (KAPS) competition hosted in Lisbon, Portugal (December 2019). | |
| HOBBIES  I am a big sports and athletics fan. I enjoy an active lifestyle, biking and kayaking in the summer, refereeing and weight training during the winter. I love to model and design for my 3D printer, creating both art and functional prints. I spend my spare time creating software. My focus is personal improvement through software exposure. I use custom software to track my finances, create predictions, and automate tasks; constantly applying myself and attempting to further my knowledge and productivity. | |
| REFERENCES | |
| Available upon request | |