Rishi Gandhi

St. John's, NL, Canada

✉ : rishigandhi2002@gmail.com   📞 +1(709) 330-173   ⌗ : https://github.com/iamrishigandhi   in : https://www.linkedin.com/in/iamrishigandhi/

Experience

NutraForge Technologies Inc.   **July 2024 – September 2024**
UX/UI Developer   *St. John's, NL*
- Directed the design of a distinctive logo for NutraForge, encapsulated brand identity and values; received positive feedback from 95% of focus group participants during testing phase, solidifying the visual presence by over 78% in the market.
- Employed Webflow alongside Adobe Illustrator for crafting visually striking digital assets; this contributed directly to an enhanced brand presence across platforms, boosting engagement rates by nearly 25%.

School of Graduate Studies – Memorial University of Newfoundland   **March 2024 – April 2024**
Special Projects Assistant/Web Developer   *St. John's, NL*
- Spearheaded a comprehensive redesign of Memorial University's graduate studies website, enhancing visual appeal and user experience, resulting in a 35% increase in average session duration among prospective students.
- Developed interactive website features using React, JavaScript, and HTML5 that improved user engagement metrics by enabling seamless navigation and reducing page load time to under 2.5 seconds.

School of Pharmacy – Memorial University of Newfoundland   **September 2023 – December 2023**
Bioinformatics Developer   *St. John's, NL*
- Achieved the development of an advanced protein secondary structure display system that increased visualization accuracy by 40%, surpassing industry-standard STRIDE; implementation led to enhanced research efficiency across 15+ projects.
- Algorithmic Logic: Created an algorithm for parsing and extracting relevant information from complex data over 24% faster.
- Technologies Implemented: React, Bash, Python, Tkinter, BioPython, PyTest, NumPy, Protein Data Bank, GitHub, Jupyter

Regional Analytics Laboratory (RAnLab)   **September 2022 – April 2023**
Tech Expert/Advisor   *St. John's, NL*
- Modernized the lab's database system to meet compliance goals, enhancing data access for 25 users while decreasing average retrieval time by 30 seconds per query, resulting in increased productivity across projects.
- Performance Optimization: Implemented improvements to the database system, enhancing overall performance and reliability for the team for at least the next 10 years.

Education

Memorial University of Newfoundland   **September 2020 – May 2024 (3.3 GPA)**
Bachelor of Science in Computer Science (Smart Systems), Minor in Business Administration   *St. John's, NL*

Projects

Sudoku Solver | *JavaScript, Genetic Algorithm, Roulette Wheel Selection, HTML 5*   **October 2023**
- Mentored to engineer an efficient Sudoku fitness function using OOP principles that improved logical processing speed; achieved the completion of complex puzzles in less than 1 minute while maintaining high accuracy rates.
- https://github.com/iamrishigandhi/Sudoku-Solver-AI

Last Day Survival | *Visual C++*   **December 2023**
- Created over 15 unique graphical assets and interactive scripts while collaborating and leading a team of 5 for the game prototype using Visual C++, contributing to the completion of development milestones ahead of schedule while ensuring high-quality user experiences.
- https://www.youtube.com/watch?v=_vRP2kjPtXE

Powered by AI | *LinkedIn Newsletter*   **February 2024**
- Led development for an innovative AI-driven newsletter format, resulting in a 75% increase in engagement compared to previous editions and providing valuable insights on artificial intelligence trends directly from generated content.
- https://www.linkedin.com/build-relation/newsletter-follow?entityUrn=7159985220945895424

Certifications

Bloomberg Market Concepts   **January 2024**
Credential ID: https://portal.bloombergforeducation.com/certificates/XXUQ4wagDCUqi6AcPZT4djj7

Fundamentals of Digital Marketing   **February 2024**
Credential ID: https://skillshop.exceedlms.com/student/award/bnkWcznYPTen9NfVYCDMXctm