Rishi Gandhi

St. John's, NL, Canada

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Experience

NutraForge Technologies Inc.   **July 2024 – Present**
Lead UX/UI Designer   *St. John's, NL*
- Directing the UX/UI design process from concept to final implementation, ensuring a cohesive and user-friendly experience across all digital platforms.
- Designed wireframes, prototypes, user flows, and high-fidelity mockups to effectively communicate design concepts and interactions.

School of Graduate Studies – Memorial University of Newfoundland   **March 2024 – April 2024**
Special Projects Assistant/Web Developer   *St. John's, NL*
- Led the overhaul of Memorial University's official website for graduate Studies to enhance visual appeal, functionality, and user experience.
- Employed advanced SEO strategies for improved visibility and accessibility.
- Conducted thorough assessments of Memorial University's website compared to other universities. Identified strengths, weaknesses, and areas for strategic improvement.

School of Pharmacy – Memorial University of Newfoundland   **September 2023 – December 2023**
Bioinformatics Developer   *St. John's, NL*
- Spearheaded the creation of an advanced protein secondary structure display system to surpass the industry standard, STRIDE.
- File Handling: Reading and processing PDB files converted to text and various other formats.
- Algorithmic Logic: Created an algorithm for parsing and extracting relevant information from complex data.
- Technologies Used: 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*
- Database Management: Handled the upgradation of the lab's database system, ensuring compliance with required specifications.
- Research and Analysis: Conducted thorough research on alternative database systems and provided valuable insights for decision-making.
- Performance Optimization: Implemented improvements to the database system, enhancing overall performance and reliability.

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**
- Implemented a genetic algorithm in JavaScript for optimization, roulette wheel selection, crossover, and mutation.
- Developed a Sudoku fitness function using OOP, sets, and logical thinking.
- https://github.com/iamrishigandhi/Sudoku-Solver-AI

Last Day Survival | *Visual C++*   **December 2023**
- Designed video game aspects such as graphics, scripts, and a user interface using Visual C++.
- https://www.youtube.com/watch?v=_vRP2kjPtXE

Powered by AI | *LinkedIn Newsletter*   **February 2024**
- A new newsletter format, diverting from the traditional method using AI to inform and educate people about AI, written by AI.
- 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