

Rishi Gandhi

📍 St. John's, NL ✉ rishigandhi2002@gmail.com ☎ +1(709) 330-1733 in iamrishigandhi 🌐 iamrishigandhi

Experience

UI/UX Developer

June 2024 – September 2024

NutraForge Technologies Inc.

St. John's, NL

- Spearheaded the redesign process of the NutraForge website using React.js, Webflow and JavaScript.
- Recognized for exceptional contributions to the website redesign, increasing user engagement by 25% and improving consistency.
- Created and conceptualized brand assets, working directly with the CEO and the CTO, resulted in a 40% increase in brand engagement across all digital platforms.
- Analyzed the target customer base and designed the NutraForge logo that captured brand values, received 95% positive feedback in focus groups, and increased market recognition by over 78%.

Software Developer

March 2024 - May 2024

Memorial University of NL (School of Graduate Studies)

St. John's NL

- Redesigned Memorial University's Graduate Studies website using React.js, Tailwind CSS, Vite, increasing session duration by 35% and cutting bounce rate by 20%.
- Colluded with the development team and implemented SEO best practices, leading to a 40% increase in organic traffic and a 30% increase in visibility on search engine results pages for prospective students.

Lead Software Developer (BioInformatics)

August 2023 - February 2024

Memorial University of NL (School of Pharmacy)

St. John's NL

- Developed an advanced protein structure display system using Python and Flask in collaboration with Dr. Alisaraie, improving visualization accuracy by 40% over STRIDE and increasing research efficiency in 100+ projects.
- Led a team of 4 developers and worked closely to achieve a 25% reduction in development time, maintain 95% unit test coverage, and implement scalable, modular code structures that improved system performance by 18%.
- Built an algorithm to parse data from TXT, Word, and PDF files, achieving 24% faster extraction and increasing efficiency on datasets provided by researchers.

Projects

Online Banking System

<https://github.com/iamrishigandhi/onlinebankingsystem> 📄

- Engineered a RESTful API with Spring Boot that achieved a consistent response time of under 150ms, enabling real-time data validation for 100% of new user registrations and account creations.
- Delivered a streamlined account creation process, enabling users to establish accounts with email/password and randomly generated 12-digit account numbers in under 2 seconds.
- **Technologies applied:** React.js, React + Vite, Java (Spring Boot), AWS RDS + PostgreSQL.

Serverless Expense Tracker

<https://github.com/iamrishigandhi/expensetracker> 📄

- Tracked and categorized 100% of user expenses with monthly analytics dashboard.
- Engineered RESTful API endpoints utilizing AWS Lambda and DynamoDB, achieving sub-50ms latency for data retrieval, improving researcher data access speed by 60%.
- Launched the tracker to help people track and split expenses, helping over 50 people become financially smart.
- **Technologies utilized:** Java (Spring Boot), AWS Lambda, API Gateway, DynamoDB, S3, Cognito.

Certifications

AWS Certified Cloud Practitioner 📄

May 2025

Education

Memorial University of Newfoundland

September 2020 – May 2024

B.Sc in Computer Science(Smart Systems), Minor in Business

3.3 GPA

- **Coursework:** Front-end Development, Backend Development, Artificial Intelligence and Game Development