

Rishi Gandhi

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

Experience

UI/UX Developer

NutraForge Technologies Inc.

St. John's, NL

July 2024 – September 2024

- Redesigned the NutraForge website using React.js, Webflow and JavaScript, increasing user engagement by 25% and improving brand consistency.
- Designed the NutraForge logo that captured brand values, received 95% positive feedback in focus groups, and increased market recognition by over 78%.

Software Developer

Memorial University of NL (School of Graduate Studies)

St. John's NL

March 2024 - April 2024

- Redesigned Memorial University's Graduate Studies website using React.js, Tailwind CSS, Vite, increasing session duration by 35% and cutting bounce rate by 20%.
- 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.

Software Developer (BioInformatics)

Memorial University of NL (School of Pharmacy)

St. John's NL

September 2023 - February 2024

- Developed an advanced protein structure display system using Python and Flask, improving visualization accuracy by 40% over STRIDE and increasing research efficiency in 100+ projects.
- Built an algorithm to parse data from TXT, Word, and PDF files, achieving 24% faster extraction and increasing efficiency on datasets.

Projects

Online Banking System

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

- Enabled creation of accounts with email/password and randomly generated 12-digit account numbers.
- Structured code base into 3 core layers: UI, service, and database.
- Supports real-time validation, 100% dynamic account registration and under 150ms API response time.
- Technologies used:** React.js, React + Vite, Java (Spring Boot), AWS RDS + PostgreSQL

Interactive 3D Globe Visualization

<https://github.com/iamrishigandhi/expense-tracker> 📄

- Visualized 195+ countries on a rotatable 3D globe with dynamic labels.
- Displayed localized data: domain, ISO code, currency, pincode, phone code for all locations.
- Retrieved real-time timezone and clock info with country mapping with coordinate-based navigation via sliders and inputs.
- Technologies used:** React.js, Three.js, TypeScript, REST APIs

Serverless Expense Tracker

<https://github.com/iamrishigandhi/3d-globe> 📄

- Tracked and categorized 100% of user expenses with monthly analytics dashboard.
- Enabled real-time REST API access with serverless deployment.
- Achieved sub-second latency using AWS Lambda + DynamoDB.
- Technologies used:** Java (Spring Boot), AWS Lambda, API Gateway, DynamoDB, S3, Cognito

Education

Memorial University of Newfoundland

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

September 2020 – May 2024

- GPA:** 3.3
- Coursework:** Front-end Development, Backend Development, Artificial Intelligence and Game Development

Certifications

Bloomberg Market Concepts

Certificate ID: XXUQ4wagDCUqi6AcPZT4djj7 📄

Fundamentals of Digital Marketing

Completion ID: 255893995 📄