

Rishi Gandhi

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

Experience

UI/UX Engineer

June 2024 – September 2024

NutraForge Technologies Inc.

St. John's, NL

- Spearheaded the redesign process of the NutraForge website, used React.js, Webflow and JavaScript.
- Recognized for exceptional contributions to the website redesign, increased user engagement by 25% and improved consistency.
- Created brand assets, worked directly with the CEO and the CTO, increased brand engagement across digital platforms by 40%.
- 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 Engineer

March 2024 - May 2024

School of Graduate Studies, Memorial University of Newfoundland

St. John's NL

- Redesigned the Graduate Studies website with React.js, CSS + Vite, increased session duration by 35% and cut bounce rate by 20%.
- Collaborated with the development team and implemented SEO best practices, led to a 40% increase in organic traffic and a 30% increase in visibility on search engine results pages for prospective students.

Lead Software Engineer (BioInformatics)

August 2023 - February 2024

School of Pharmacy, Memorial University of Newfoundland

St. John's NL

- Developed an advanced protein structure display system, used Python and Flask in collaboration with Dr. Alisaraie, improved visualization accuracy by 40% over STRIDE and increased research efficiency in 100+ projects.
- Led a team of 4 developers, worked closely to achieve a 25% reduction in development time, maintain 95% unit test coverage.
- Implemented scalable, modular code structures that improved system performance by 18% and supported future CI/CD integration.
- Built an algorithm to parse data from TXT, Word, and PDF files, achieved 24% faster extraction and improved data structure parsing and increased efficiency by 24%.

Projects

Online Banking System

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

- Engineered a RESTful API with Spring Boot, consistent response under 150ms, used efficient data structures and algorithms to validate user registration and account creation in real-time.
- Delivered a streamlined onboarding process with built-in unit testing modules for service validation and generation of randomized 12-digit account numbers, deployed through modular code ready for CI/CD pipelines.
- **Technologies applied:** React.js, React + Vite, Java (Spring Boot), EC2, AWS RDS + PostgreSQL.

Serverless Expense Tracker

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

- Built a serverless expense tracker with Java and AWS Lambda, applied agile development practices in feature deployment.
- Engineered RESTful API endpoints through utilization of AWS Lambda and DynamoDB, achieved sub-50ms latency for data retrieval, improved researcher data access speed by 60%.
- Integrated AWS Cognito authentication with a scalable backend, laid the groundwork for automated CI/CD through GitHub Actions.
- **Technologies utilized:** Java (Spring Boot), AWS Lambda, API Gateway, DynamoDB, S3, Cognito.

Certifications

AWS Certified Cloud Practitioner

May 2025

- <https://shorturl.at/0ESOt> 📄

Education

Memorial University of Newfoundland

September 2020 – May 2024

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

3.3 GPA

- **Coursework:** Data Structures and Algorithms, Front-end Development, Cloud Architecture, Artificial Intelligence and Machine Learning

Skills

Java, Python, JavaScript, React.js, Spring Boot, AWS (Lambda, DynamoDB, S3, Cognito, API Gateway, RDS, EC2), REST APIs, CI/CD, Agile, Data Structures and Algorithms, Unit Testing, Git