

Arjun Nair

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Skills

Languages: JavaScript, TypeScript, HTML/CSS, Python, PHP, C, Java, SQL, Cypher, Swift

Technologies: React.js, Next.js, Node.js, Express.js, jQuery, Tailwind, Bootstrap, Figma, Neo4j, SwiftUI

Experience

Sun Life Financial

Jan 2023 – Apr 2023

Software Engineering Co-op

Toronto, ON, Canada

- Enhanced the Client Experience Platform (CXP) by adding and updating fields in domain services and configuring Kafka topics and tables, leading to a 35% improvement in real-time access to key client data.
- Optimized acceptance testing using Docker and Kubernetes, reducing test time by 30% and increasing deployment frequency by 25%.
- Developed configuration files and custom keywords within the ROBOT testing framework to maintain 100% test coverage and reliability.

Tulip Retail

May 2022 – Aug 2022

Software Developer Co-op

Toronto, ON, Canada

- Enhanced Well.ca's user interface by implementing key front-end features and accessibility improvements, ensuring better usability and significantly improving the user experience for 100,000+ customers.
- Developed and integrated a multi-courier delivery tracking system using PHP, SQL, and JavaScript, boosting customer satisfaction and retention by 20%. Streamlined implementation through direct liaison with couriers and clients.

Adknown

Sep 2021 – Dec 2021

Software Engineer Intern

Guelph, ON, Canada

- Designed and implemented a component library with React and Material UI that standardized UI elements across the application; this library is now utilized by over 10 developers across 2 teams, improving consistency and efficiency across projects.
- Authored an easy-to-navigate guide for non-technical staff, facilitating seamless tool integration; efforts yielded a 25% reduction in onboarding errors and enhanced collaboration across departments by 35%.

Group 42

Sep 2020 – Mar 2021

Data Science Intern

Abu Dhabi, United Arab Emirates

- Built a web application for medical insurance claims using Python (Streamlit, pandas, NumPy) and HTML/CSS, which accurately predicted claim outcomes. This project was highly praised by management and clients for its accuracy and impact on decision-making.
- Engineered a recommendation system using a Neo4j graph database and custom Python and Cypher queries, improving data retrieval efficiency by 40% for medical professionals.
- Created an interactive D3.js visualization tool for medical treatments, automating dataset generation and reducing manual entry time by 70%.

Projects

Spence | React Native, CSS, Node.js, SQL

- Designed a React Native app for budget-conscious, sustainable meal planning, featuring cost analysis and personalized recipe recommendations.

Scheduler Web App | React, CSS, Node.js, Docker, GCS

- Developed a scheduler web app enabling students to select and manage courses without conflicts.

GPX File Manager | C, SQL, Express.js, HTML/CSS, JavaScript (jQuery)

- Engineered a full-stack CRUD web application for GPX file creation and management.

Education

University of Guelph

Sep 2019 - Jun 2024

Bachelor of Computing in Computer Science, Minor in Business

Guelph, ON, Canada

- GPA: 4.00, Graduated with Distinction
- **Relevant Coursework:** Object-Oriented Programming, Databases, UI/UX Design, Operating Systems, Mobile Computing, Discrete Structures, Data Structures, Algorithms, Microcomputers, Data Science