

Vishal Shangari

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Education

Simon Fraser University – Bachelor of Science (Computer Science) – 3.81/4 GPA

Relevant Courses: Data Structures and Algorithms, Real-time Systems, UI Design

Jan 2020 – May 2022

Vancouver, BC

The University of British Columbia – Honours Bachelor of Commerce (Accounting)

Relevant Courses: Object-oriented Programming (Java), Statistics, Quantitative Decision Making

Sep 2012 – May 2017

Vancouver, BC

Work Experience

wedolaundry.ca – Software Developer Co-op

Java, Spring, Spring MVC, Maven, JDBC, TypeScript, React

Sep 2020 – Dec 2020

Vancouver, BC

- Designed, developed, and wrote unit/integration tests for new login and pick-up scheduling UI and API endpoints for web application
- Created a RESTful API and admin web dashboard for tracking orders and customer stats

PricewaterhouseCoopers – Senior Associate, Assurance

Advanced MS Excel, Tableau, Alteryx

Oct 2017 – May 2020

Vancouver, BC

- Led four teams in performance of annual financial reporting audit requirements for Canadian and US publicly traded and private companies under IFRS and US GAAP
- Leveraged Tableau and Alteryx to generate customized reports and automate high-volume areas of financial testing by building data processing pipelines

Medimap – Frontend Engineer (contract)

JavaScript, React, React Native, Node.js, Jest

Jun 2017 – Oct 2017

Vancouver, BC

- Redesigned the Medimap web application frontend and expanded tests
- Worked on translation of web application UI to Android and iOS applications

Independent Projects

Comparify.io – 800+ users

React, Node.js, TypeScript, JavaScript, Redis, GCP (Firebase)

Aug 2020 – present

comparify.io

- Designed and developed a responsive web application that integrates with Spotify's API to show users audio characteristics of their top artists and tracks
- Implemented functionality allowing users to create a custom comparify.io URL to share with other users to compare Spotify data and get personalized recommendations
- Developed a Node.js-Express server with 16 API endpoints and used: JWT-based session management, Firebase Cloud Firestore for data storage, CI/CD with GitHub/Heroku

JavaBlockchain

Java, Spring Boot

October 2020

Vancouver, BC

- Created a simple implementation of blockchain using SHA256 hashing with implementations for sending P2P messages and mining and validating blocks
- Designed a RESTful API for easy visualization of blockchain functions and processes

Skills

Languages

Java, JavaScript, C, C++, TypeScript, Python, HTML, CSS

Web/Cloud

Spring, JSP/Servlets, JUnit, Maven, Node.js, React, Redux, Angular, JSON, REST, AWS, GCP

Database/Other

JDBC, SQL, NoSQL, MongoDB, Git

Extracurricular Involvement

LUMEN Mental Health Society: Sponsorships and Donor Relations Assistant