

# JASNEET SINGH

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## Education

**Bachelor of Science (Software Engineering)**

January 2024

Western Governors University

## Professional Experience

**Full Stack Developer - Contract**

July 2022 – Present

*Evans Digital Design, Calgary*

- Engaged with clients to understand their business needs and preferences, delivering 7 professional websites using HTML5, CSS3 (+ SCSS, BEM), JavaScript, Angular, and Java best practices.
  - Performed in-depth SEO analysis and identified local SEO as an area for improvement; optimization of Google Business Profile improved organic interactions by 73% over one month.
  - Improved website loading speed by 17% by compressing, caching, and lazy loading images and components.
  - Included responsive, multi-platform, and hosting support, enabling their website to be used by any browser.
- Identified and documented software defects, providing clear information to facilitate timely resolution, contributing to a 20% improvement in bug resolution time.
- Integrated SQL databases to store and manage website data, implementing optimizations for improved database performance, resulting in a 30% reduction in data retrieval times.
- Conducted comprehensive audits of new software features, ensuring compliance with established requirements and performance expectations across various usage scenarios, resulting in a 15% reduction in post-release issues.
- Implemented Square API checkout integration for e-commerce website sections, resulting in a substantial boost in business sales, averaging a 20-30% increase.

## Projects

**Traveler App** | [GitHub](#)

- Created a multi touch screen app for travelers to track their vacations and excursions with alerts to remind the user.
- Developed using Java and Android SDK utilizing the Room Persistence Library for local data management.

**Interactive World Map** | [GitHub](#)

- Created a fully responsive app of the world where each country is highlighted upon a mouse event.
- Generated an API service that uses the built-in Angular module HTTP client to make HTTP calls to the WorldBank API and return the selected country's information.

**Landon Hotel** | [GitHub](#)

- Created a Spring application with a Java back end and an Angular front end to include multithreaded language translation, a message at different time zones, and currency exchange.
- Built resource bundles for both English and French, and displayed a welcome message in both languages by applying the resource bundles using a different thread for each language.

## Skills & Interests

**Languages:** HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | TypeScript | Java

**Frameworks:** Angular (+ hooks) | Next.js | Material-UI | Redux | Spring

**Technology:** NPM | Git | Yarn | Angular dev tools | Firebase v9 | GitHub | Docker | AWS

**Certifications:** AWS Certified Cloud Practitioner | ITIL Foundations v4 | CompTIA Project + | Google IT Support