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.
- Utilized Java framework Spring Boot to streamline the backend development process, ensuring code maintainability and scalability.
- Integrated SQL databases to store and manage website data, implementing optimizations for improved database performance.
- 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 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 | SQL
Frameworks: Angular | Redux | Spring
Technology: NPM | Git | Angular dev tools | Docker | AWS | MySQL
Certifications: AWS Certified Cloud Practitioner | ITIL Foundations v4 | CompTIA Project + | Google IT Support