

# JASNEET SINGH

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## Technical Skills

**Programming Languages:** JavaScript ES6+ | TypeScript | Python | Java

**Frameworks:** Angular | Redux | Spring

**Database Technologies:** MySQL

**Testing/Deployment:** AWS | Firebase | Docker

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

## Professional Experience

**Full Stack Developer - Contract** | Typescript | Java | MySQL | Angular | Spring | Docker | AWS

July 2022 – Present

*Evans Digital Design, Calgary*

- Engaged with clients to understand their business needs and preferences, developing new, and existing full stack web application features.
  - 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.
- Increased unit test coverage from ~60% to 80%, ensuring software quality and reducing bugs.
- Designed and developed RESTful APIs, reducing API response times to under 60ms by optimizing database queries, enhancing system performance.
- Created, and integrated email templates using MailChimp for automatic client notifications resulting in increased customer satisfaction with platform usage by up to 20%.
- Designed and established a dedicated database for Cypress testing, and seeded with mock data resulting in enhanced test reliability and accelerated validation of new feature requests.
- Implemented Square API checkout integration for e-commerce sections, resulting in a substantial boost in business sales, averaging a 07-10% increase.
- Implemented Cypress E2E automated testing framework, further improving software reliability and reducing bugs.
- Enhanced accessibility compliance by ensuring codebase adheres to Section 508 standards.
- Deployed microservices with Docker to AWS EC2 & RDS to reduce load times, and apply system scalability when necessary.

## Projects

**Netflix Clone** | [GitHub](#) | Typescript | Tailwind CSS | Angular

- Created a fully responsive movie app with Google Sign-in Authentication.
- Utilized the TMDB API to make requests for retrieving information on movies and TV shows.

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

- Created a vacation itinerary management mobile application for travelers with custom vacation locations, excursions, and alerts.

**Landon Hotel** | [GitHub](#) | Java | Typescript | MySQL | Spring Boot | Angular | Docker

- Fully fleshed out web application with implemented multithreaded language translations, messages at different time zones, and currency exchanges.
- Containerized both the frontend and backend components into Docker images and containers for seamless deployment.

## Education

**Bachelor of Science in Software Engineering**

February 2024

Western Governors University