

Jasneet Singh

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EDUCATION

Western Governors University
Bachelor of Science in Software Engineering

Calgary, AB
Sep. 2020 – Feb. 2024

TECHNICAL SKILLS

Languages: Expert: Java, Kotlin, TypeScript, JavaScript **Proficient:** Python, SQL **Prior-Experience:** PHP

Technologies: React, Redux, GraphQL, Angular, Node.js, Flask, Spring Boot, PostgreSQL, MongoDB, Docker, AWS

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

EXPERIENCE

Full Stack Developer

June 2022 - July 2024

Evans Digital Design

Calgary, AB

- Developed dynamic web applications using **React + TypeScript** and **Java** to boost small businesses online presence with an emphasis on SEO optimization.
- Designed RESTful APIs using **Spring Boot**, reducing API response times to under 60ms by optimizing **SQL** database queries, enhancing system performance.
- Containerized the applications using **Docker**, ensuring consistent, efficient deployment and scalability across development, testing, and production environments.
- Integrated **Square API and OAuth** with GitHub for e-commerce section, facilitating a seamless user experience after purchase.
- Implemented **Cypress** E2E automated testing framework, improving software reliability and reducing bugs.

PROJECTS

AI Chatbot

- Designed a full stack chatbot application using **Python** and **FastAPI** while leveraging OpenAI's language model API and DALL-E for image generation.
- Deployed the application using **AWS Lambda**, leveraging AWS Lambda's integration with API Gateway to establish encrypted connections, safeguarding sensitive user interactions and data exchanges from potential security threats.

Netflix App

- Developed a fully responsive movie app using **TypeScript** with Google Sign-in Authentication, enhancing user security and convenience by enabling seamless authentication process.

Traveler App

- Developed a mobile application using Java and **Android SDK** which aims to enhance vacation and excursion management.

Landon Hotel

- Leveraged Java's multithreading capabilities to optimize performance, ensuring operation even under heavy loads.