

Jasneet Singh

(825)-365-5215 | jasneetpalwork@gmail.com | LinkedIn | GitHub | Portfolio

EDUCATION

Western Governors University

Bachelor of Science in Software Engineering

Calgary, AB

Feb. 2024

TECHNICAL SKILLS

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

Technologies: React, Redux, Angular, Node.js, Spring Boot, MySQL, MongoDB, Docker, AWS, Linux, Jest, Git

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

EXPERIENCE

Full Stack Engineer

October 2024 - Present

Fiverr - Self Employed

Calgary, AB

- Delivered backend feature enhancements and bug fixes for growing SaaS platforms using **React** and **Express.js**.
- Built production-ready landing pages and websites for early-stage startups looking to launch fast.
- Helped students and entrepreneurs turn their mockups and wireframes into responsive, dynamic web apps.
- Provided ongoing support and consulting for small businesses improving or refactoring their web presence.

Full Stack Developer

October 2022 - December 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.
- Built unit and integration tests in a Test Driven Development (TDD) workflow using **Jest**, ensuring bug-resistant features from the start of development.

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.