

Jasneet Singh

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EDUCATION

University of Calgary

Master of Engineering in Electrical and Computer Engineering

Calgary, AB

Present

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

Fiverr - Self Employed

October 2024 - Present

Calgary, AB

- Delivered backend feature enhancements and bug fixes for growing SaaS platforms using **React** and **Express.js**.
- Collaborated with international clients in Agile sprint cycles to deliver scalable, production-ready web applications.
- Provided ongoing consulting for small businesses to improve and refactor their web applications presence, performance, and maintainability.

Full Stack Developer

Evans Digital Design

October 2022 - December 2024

Calgary, AB

- Built web applications using **React + TypeScript** and **Java**, helping small businesses improve their online presence and SEO.
- Developed RESTful APIs using **Spring Boot**, reducing API response times to under 60ms by optimizing **SQL** database queries.
- Integrated **Square API and OAuth** with GitHub for e-commerce features, facilitating a great user experience after purchase.
- Wrote unit and integration tests in a Test Driven Development (TDD) workflow using **Jest**, catching bugs early and improving code reliability.

PROJECTS

Chicago Pizza Roma Website

- Developed a responsive **React** web app for a Calgary pizza shop to establish their online presence and increase customer engagement.
- Optimized search performance by integrating Google Search Console, improving indexing, and applying schema markup with SEO best practices.
- Streamlined deployment by hosting the site on **Vercel** and guiding the client in selecting an affordable domain, integrating it through DNS configuration for a smooth launch.

AI Chatbot

- Built 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.