

JASON GILL

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EDUCATION

Simon Fraser University

Bachelor of Science in Computer Science

Burnaby, Canada

September 2020 – May 2025

WORK EXPERIENCE

Software Developer Intern

January 2024 – August 2024

Clio – Cloud-Based Legal Technology

Vancouver, Canada

- Reduced payment collection times by **35%** for **50,000+ law firms** by using Ruby on Rails to develop Clio Payments with Stripe integration
- Strengthened financial and data security across **5 regions** by revamping Clio Payments to align with KYC, PCI-DSS, and GDPR compliance standards
- Ensured transaction reliability for over **\$10 million** CAD in daily processing volume by leading incident response efforts and participating in regular on-call rotations
- Maintained system stability for **7+ project releases** by leveraging ELK, Datadog, and Bugsnag for issue detection and resolution

Software Developer Intern

May 2022 – August 2022

UKG

Toronto, Canada

- Enabled **80,000+ customers** to personalize their entire product suite with logos, brand colours, and slogans by leading the Custom Branding project for UKG Pro using Angular and Java Spring Boot
- Improved page performance by **30%** and achieved a more cohesive UI by integrating Design Language System components into UKG Pro, replacing image-based elements
- Established scalable APIs through Spring RESTful services and coupled it with reactive state management implemented via NgRx and RxJS
- Increased test coverage to over **90%** with the JUnit, Selenium, and Jasmine testing frameworks

PROJECTS

Budget Buddy | React, Java Spring Boot, MySQL, AWS, Axios

- Developed a full-stack web application using React, Java Spring Boot, and MySQL that enables users to track monthly expenses, log transactions, and filter payments by month, year, and category
- Deployed via Amazon Web Services using AWS Elastic Beanstalk, S3, and RDS

SmartCommute | Python, Twilio API, OpenWeatherMap API, TrueWay Directions API

- Built an application that sends daily SMS notifications using the Twilio API, providing travel recommendations based on recent weather and traffic data using the OpenWeatherMap and TrueWay Directions APIs

Computational Blockchain | Rust, SHA-2

- Implemented a concurrent producer-consumer work queue, distributing the SHA-256 proof computation across multiple worker threads to efficiently mine blocks
- Optimized resource allocation by draining the work queue after computing the first eligible proof

UFC Predictive Modelling | Python, scikit-learn, pandas, Seaborn

- Predicted match winners with a **70% accuracy rate** by training and validating a K-Nearest Neighbors classifier on historical fight data
- Developed a machine learning model to predict athletes' win-loss ratios, achieving a **0.96 coefficient of determination (R^2)** which indicates high predictive power

TECHNICAL SKILLS

Languages: Java, C/C++, Python, JavaScript, TypeScript, Ruby on Rails, Rust, Scala, HTML/CSS, SQL (MySQL)

Frameworks: React, Java Spring Boot, Rails, JUnit, RSpec, Selenium, Jasmine, Tailwind CSS

Developer Tools: Git, Docker, ELK, Datadog, Figma, Maven, Postman, Amazon Web Services

Libraries: pandas, scikit-learn, NumPy, Axios, TensorFlow (Keras), NgRx, RxJS, Seaborn, Matplotlib