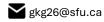
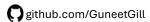
GUNEET GILL









EDUCATION

Simon Fraser University

Bachelor of Science, Computing Science and Business Joint Major

Expected Completion: Dec 2026 Burnaby, BC

WORK EXPERIENCE

Workday

May 2025 - Present

Software Development Engineering Intern Vancouver, BC Engineered scalable integrations between external data sources and internal frameworks via REST and SOAP APIs, handling

- XML/JSON data to ensure reliable, automated data exchange across platforms. Built a custom application using Java and SOAP web services to automate bulk accounting journal uploads, allowing journal
- line items to autopopulate in Workday and eliminating manual entry for accountants. Enhanced accounting workflows by developing new functionality in Workday's proprietary language and Java for depreciation

convention software, enabling global adoption and expanding usage beyond North America.

Metalab Jan 2025 - Apr 2025

Software Engineering Intern

Vancouver, BC

- Deployed and containerized AWS Lambda functions using AWS CDK, Terraform, and Docker, delivering scalable, reliable infrastructure that supports hundreds of automated workflows.
- Developed backend Python code within AWS Lambda to implement new features and business logic for automated workflows.
- Implemented efficient large-PDF rendering on the frontend using Next and TypeScript, enhancing performance, usability, and overall user experience.

PERSONAL PROJECTS

Rate My Professor API/Chrome Extension

Mar 2025 - Aug 2025

Python, JavaScript, AWS (Lambda, ECR, RDS, API Gateway, CDK, VPC), Docker, Selenium, PostgreSQL, Git

- Scraped and stored professor rating data from RateMyProfessors into an AWS RDS PostgreSQL database, enabling structured and queryable access to academic feedback.
- Built and deployed a serverless API with AWS API Gateway, Lambda (Dockerized via AWS ECR), and a private VPC, provisioned using AWS CDK for fully automated, scalable infrastructure.
- Built a JavaScript-based Chrome extension that integrates with the SFU course selection site, providing students real-time professor ratings retrieved through the backend API.

EcoGPT — Winner @ MLH League CMD-F 2025 Hackathon

Mar 2025

Python, JavaScript, GraphQL, Natural Language Processing (NLP), Machine Learning, Cloud Hosting, Git

- Designed and deployed a Chrome extension with a cloud-hosted backend using Flask and GraphQL on Render that classifies ChatGPT prompts in real time and suggests sustainable alternatives for simple queries.
- Integrated an interactive analytics dashboard into the ChatGPT interface using JavaScript for visualizing user query volume and estimated carbon footprint to raise awareness of Al's environmental impact.
- Built a machine learning classifier in Python using TF-IDF vectorization tested multiple models (Logistic Regression, Naïve Bayes, Random Forest, SVM), and selected the best-performing model to accurately classify user prompts

Memory Haven Sep 2024 - Nov 2024

Java, MPAndroidChart, Android Studio, Firebase, Git

- Developed a secure patient and caregiver login system with Firebase Authentication, enabling role-based access for dementia patients and their support network.
- Implemented a photo and audio upload interface using Firebase Realtime Database and Firebase Storage to securely store content contributions from family and friends.
- Created an interactive response rating system with MPAndroidChart to track memory retention trends, and provide caregivers with data-driven insights.

SKILLS

Languages: Python, C, C++, Java, Kotlin, Rust, HTML, CSS, JavaScript, TypeScript, SQL

Frameworks/Libraries: Flask, MongoDB, pandas, NumPy, React, Next, GraphQL, Firebase, AWS Tools: GitHub, Git, Postman, Jupyter Notebook, Visual Studio Code, Android Studio, Docker