

KANWAR GILL

GitHub | LinkedIn | Website | contact@kanwargill.ca

EDUCATION

UNIVERSITY OF TORONTO

MASTER OF TEACHING 2018 - 2020

Computer Science & Math
Cum. GPA: 4.0 / 4.0

Thesis: Addressing Math Anxiety in Elementary Classrooms

HBSc. COMPUTER SCIENCE SPECIALIST

2010 - 2016

High Distinction

Cum. GPA: 3.54 / 4.0

SKILLS

LANGUAGES

TypeScript/JavaScript
(Node.js) | C | Python3 | Java
| PHP | SQL

FRAMEWORKS

Vue.js | gRPC | Angular

CLOUD

AWS (Lambda, SNS/SQS,
Step Functions, APIGW, CFN,
SAM, EKS, EC2, S3, RDS)

TECHNOLOGIES

Git | Docker | Datadog |
Postman | LaunchDarkly |
Jenkins | SonarQube |
Lucidchart | Atlassian

DATABASES/CACHE

MySQL | MongoDB |
DocumentDB | DynamoDB |
PostgreSQL | Redis

COURSEWORK

Engineering Large Software Systems

Operating Systems (Teaching Asst 2x)

Software Tools and Systems Programming (Teaching Asst 2x)

Functional Programming (Teaching Asst 3x)

Intro to Computer Science (Teaching Asst 2x)

WORK EXPERIENCE

SSENSE | SOFTWARE ENGINEER

Jan 2021 – Present | Montreal, QC (Remote)

- Key domain expert for Post-Purchase queries, pivotal in guiding team discussions.
- Drove the Subsidized Returns project from design to launch, cutting Hong Kong customer costs by 30%, through effective cross-team collaboration and strategic monitoring.
- Orchestrated end-to-end OMS integration, transitioning from legacy systems to a reliable source of truth, accelerating client response by 20%, in collaboration with the OMS team.
- Oversaw the end-to-end rollout of the return eligibility feature, from design to website integration, enhancing client response by 30% through strategic cross-functional collaboration.
- Elevated team standards by mentoring and consistently ensuring our repository's testing coverage remained at an impressive 95%, fostering a culture of excellence and continuous improvement.

UNIVERSITY OF TORONTO | GRADUATE SCHOOL

Sept 2018 – Dec 2020 | Toronto, ON

- Directed end-to-end design and deployment of Talk2Me Jr., ensuring deep collaboration with research teams and professors, establishing the application as a critical tool for elementary reading assessments.
- Demonstrated strong CS fundamentals by leading tutorials in key areas like Systems Programming and Functional Programming, simplifying complex concepts for student success.

TD BANK | SOFTWARE ENGINEER

July 2016 - Aug 2018 | Toronto, ON

- Led the creation of a CI/CD pipeline, reducing push-to-deploy time to under five minutes and saving over 70% in time, highlighting DevOps expertise.
- Developed a new feature with AngularJS for an internal tool, showcasing innovative problem-solving abilities.
- Authored Python and Bash automation scripts for Bitbucket management via REST APIs, reducing manual task management by 40% and demonstrating advanced scripting and API integration skills.
- Delivered scalable and well-tested solutions, demonstrating meticulous attention to detail and commitment to project success and stakeholder satisfaction.
- Provided technical and analytical leadership for Anti-Money Laundering (AML) project components, reflecting strong leadership qualities.

IBM | SOFTWARE DEVELOPER INTERN

May 2013 – Aug 2014 | Markham, ON

- Enhanced user experience of internal pages by implementing jQuery UI, achieving over 90% reduction in render time and earning team commendations.
- Developed an internal tool for information center builds using CakePHP, showcasing rapid skill acquisition and application in web application frameworks.
- Independently learned and integrated jQuery plugins like DataTables and SlickGrid into a tracking tool, demonstrating a commitment to ongoing learning.
- Quickly mastered PHP, Perl, and other technologies for resolving ID department issues, highlighting a knack for solving complex technical challenges.
- Created detailed reports in Cognos Report Studio, effectively analyzing and communicating insights on release progress and deliverables.