

# Can Kerem Gurel

5745 Dalhousie Road, Vancouver BC, Canada

+1 (604) 401-9426 | [cankeremgurel@gmail.com](mailto:cankeremgurel@gmail.com) | [keremg.com](http://keremg.com) | [keremgurel](https://www.linkedin.com/in/cankeremgurel) | [cankeremgurel](https://www.github.com/cankeremgurel)

## Education

### The University of British Columbia

Vancouver, Canada

Bachelor of Applied Science, Electrical Engineering

Sep. 2017 - Dec. 2022

Relevant Coursework: Data Structures and Algorithms, Systems Software Engineering, Machine Learning, Computer Networking(IP)

Online Learning: Complete Web Developer Course (Udemy), Full-Stack Engineer Path(Codecademy), AWS Fundamentals (Coursera)

## Skills

**Programming Languages** JavaScript, C/C++, HTML/CSS, SQL, Go, Assembly

**Tools & Frameworks** ReactJS, React Native, AngularJS, NodeJS, Git, SQL, Tableau, AWS

**Soft Skills** Public speaking, Teamwork and Leadership, Time management, Genuine curiosity

## Experience

### Deloitte

Toronto, Canada

Front-End Engineer Co-op

Sep. 2021 - Dec. 2021

- Developed features and functions of an online banking application using **React** and **JavaScript** in an agile scrum environment.
- Assessed performance & accessibility, performed unit testing with **Jest** and **RTL** to maintain a code coverage of above 80%.
- Ensured minimum security baseline by running **Veracode** vulnerability scans, identifying and removing unused/vulnerable dependencies.

### Scotiabank

Toronto, Canada

Software Engineer Co-op

May. 2021 - Aug. 2021

- Participated in design, development, testing and implementation phases of a full-stack blockchain application running on **Hyperledger Fabric**.
- As the primary UI developer, took part in **React** front-end, **JavaScript** back-end, **Golang** chaincode and **PostgreSQL** database development.
- Liaised with engineers, product managers and analysts in all phases to develop robust and coherent software following agile practices.

Data Engineer Co-op - Data Science & Analytics

Jan. 2021 - April 2021

- Developed features and functions of a predictive analysis application using **Angular** and **Django**. Improved speed and reduced server intensity substantially by implementing a Websocket approach instead of long-polling.
- Worked extensively with **PostgreSQL** and **Tableau** for data & performance analysis. Presented results/dashboards to external directors.
- Helped with designing, cleaning, maintaining and testing end-to-end pipelines and databases. Used **Airflow** for task scheduling.

### UBC Engineering

Vancouver, Canada

Web Developer & Project Manager Co-op

Jul. 2020 - Sep. 2020

- Redeveloped UBC Materials Engineering website implementing the new branding, resulting in a 17% increase in session duration.
- Designed wireframes in **Figma** and programmed in **HTML/SASS** using UBC CMS **WordPress** platform, and **Git** for version control.
- Led the development of the project plan using **Jira**, kept project on track to meet launch deadlines, ensured appropriate distribution of tasks, and organized meetings with team members, project mentor and clients.

## Projects and Involvement

### Mintify NFT Minter

Personal

Live Demo: [mintify.keremg.com](http://mintify.keremg.com)

Jan 2022

A full stack NFT Minter dApp created on **Alchemy** blockchain developer platform. Uses **React** frontend, **ERC-721 smart contract** and **Metamask** wallet integration. User can connect with a Metamask wallet, upload an asset, fill in the metadata, and simply click the "Mint NFT" button to publish a unique instance of their Non Fungible Token on the blockchain. Currently running under Ropsten Test Network only.

### PesteMall Online Store

Personal

Live Demo: [pestemall.keremg.com](http://pestemall.keremg.com)

May. 2021

A fully functional e-commerce website that sells traditional Turkish Towels. Implemented the custom branded UI with **React** and **Material UI**. Used **Firebase** for back-end, deployment and authentication. User can create login information, browse through various items, add items to basket, visit each product page, proceed to checkout, and place an order using **Stripe** payment getaway.

### Voice-Controlled News Application

Personal

Live Demo: [whatsnew.keremg.com](http://whatsnew.keremg.com)

Jan. 2021

A news application where user can use voice-commands to get the most recent news by category, source, or specific terms. Built the interface using **React**, **CSS** and **Material UI**, added voice-command functionality using **ALAN AI API**, and fetched the corresponding data from **NewsAPI**.