

# Karndeeep Sangha

Software Developer  
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Vancouver, BC

## EDUCATION

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### University of British Columbia

2013-2019

- Bachelor of Science, Computer Science major; Graduated May 2019
- Dean's Honour List 2018/2019, Courses: Data Structures and Algorithms, Software Construction, Database Systems

## WORK EXPERIENCE

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### Full Stack Software Developer, Appara

Vancouver, BC  
Sept 2020 - Present

- Developing clean performant features for the front-end and server side for Appara
- Taking lead on customer requested features and bugs
- Improving DevOps through CI/CD in Azure
- Working with fellow developers, product managers, customer success in an Agile environment

### Software Developer, Brock Solutions

Vancouver, BC  
Nov 2019 –Sept 2020

- Working on the core enterprise product SmartSuite doing front and backend development
- Adding new customer facing features using ASP .NET Core server side and tweaking front-end React components
- Implementing REST APIs and new features in the backend
- Worked with product managers, QA in an agile environment using various workflow processes

### Software Engineer Intern, Volkswagen GoA Innovation and Engineering Centre

Belmont, California  
May 2018 - Sept 2018

- Provided VW Modular Infotainment System Team a Windows application developed using C# that automated task of comparing testing environment documents for vehicles. Reduced task time from hours to minutes.
- Worked with Human Machine Interface team to create a poc software application that would ingest infotainment system data from a vehicle, filter for user interactions and display the usage by the user. Application was developed using C#.

### Software Developer Intern, Mojo

Vancouver, BC  
Sept 2016 - Aug 2017

- Worked on the server side of the platform implementing features and fixing bugs
- Added customer facing features with minimal support to the platform for mobile apps
- Took lead on fixing bugs reported by QA, mobile, and customer support teams
- Worked in an agile development environment developing in .Net ecosystem using C#

## PROJECTS

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### AE Image Storage Web App (Capstone Project)

Jan 2019 – April 2019

- In a team of 6, created image uploading, editing, and storage web app for civil engineering firm Associated Engineering
- Implemented server side using JavaScript, Node.js, Express, PostgreSQL, Google Cloud Platform

### Node Modules Dependency Web App ([github.com/kennythepark/node-modules-visualization](https://github.com/kennythepark/node-modules-visualization))

Nov 2018

- In a team of 2 created web application that displayed all node module dependencies using D3.js of the given git repository and which allowed developers to see all node module dependencies between classes
- Implemented using Node.js, Express, D3.js and React

## TECHNICAL

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**Languages:** C# (proficient), TypeScript (proficient), JavaScript (proficient), Java (prior exp.), C (prior exp.), C++ (prior exp.)

**Tools/Frameworks:** Git, Jira, Visual Studio, WebStorm, Eclipse, MongoDB, Elasticsearch, Node.js, TFS, GCP, Azure, .NET Core, MySQL, PostgreSQL, CI/CD, React, Express, ASP .NET