# **YUG KHANNA**

#### Microsoft Student Partner

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## **WORK EXPERIENCE**

### **DevOps Engineer**

#### Hourvillage

May 2018 - August 2018

**♥** Singapore

- Designed and Implemented a scalable and robust architecture for all 3 platforms (Web, Android, IOS) of the company using Amazon Web Services and Microsoft Azure.
- Automated the deployment and configuration of Hourvillage API's and the entire software stack using build pipelines and AWS CodeDeployment Groups and Jenkins CI.
- Set up Redis as a caching service to serve database queries and improve database speed.

### Software Developer

### **Digitalibi Interactive Solutions**

- Mumbai, IN
- Involved in designing and developing several API's to serve internal applications using NodeJS, Redis, ES, PHP.
- Architected backend API and refactoring using ES, MongoDB, JWT.
- Wrote migration code to move staging user database from DynamoDB to MongoDb with no data loss.

#### Partner

#### **Digitalibi Interactive Solutions**

February 2018 - Ongoing

- **♀** Mumbai, IN Remote
- Responsible in laying out business intelligence logics for the company to expand in various countries.
- Helped out in planning strategies for the company to potentially raise opportunities in Canada.

#### Android Developer

#### Triotech Technologies Pvt. Ltd.

🛗 May 2017 - July 2017

**♀** Gurgaon, IN

- Implemented the Frontend of the Android app using Material UI and Photoshop
- Designed interactive features like Leaderboard and wrote algorithm to calculate the score using Python.

## OTHER EXPERIENCE

# Andrew Ng's Deep Learning Specialization

#### Coursera

**♀** Remote

• Completed Deep Learning Specialization by Andrew Ng on Coursera to develop deep neural networks and fine tune deep networks using hyper-parameters and regularization techniques.

## **PROJECTS**

Jewar International Airport

Airport System in Python involving booking tickets with binary encryption and email verification

Smiley

A Convolutional Neural Network which analyzes selfies and tells the user how to take a better selfie by giving recommendations on exposure, viewing angle and lighting of the selfie.

Chat Analyzer

A fun project which analyses Whatsapp chats to create interesting intuitive plots using python libraries like pandas, numpy and matplotlib to give users insights about their chats.

IMDb Sentiment Analysis

A Recurrent Neural Network which uses LSTM and regularization techniques to solve a sequence classification problem based on IMDb ratings.

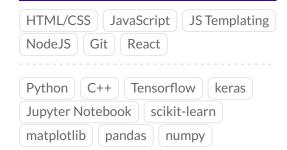
Diabetic-Retinopathy-Prediction

A Neural Network built on Keras using Sequential Model to predict whether a person has Diabetic Retinopathy or not.

ChromaVision

A chrome extension for the colour blind paired with a web app

## **SKILLS**



## **EDUCATION**

# BASc in Computer Engineering University of Waterloo

## Sept 2017 - April 2023