

YUG KHANNA

Microsoft Student Partner

✉ yug.khanna@uwaterloo.ca

🔗 yugkhanna.github.io/

🌐 linkedin.com/in/yug-khanna-a54163b8/

🐙 github.com/yugkhanna

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

📅 January 2018 – April 2018

📍 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

📅 January 2018 - July 2018

📍 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

HTML/CSS

JavaScript

JS Templating

NodeJS

Git

React

Python

C++

Tensorflow

keras

Jupyter Notebook

scikit-learn

matplotlib

pandas

numpy

EDUCATION

BASc in Computer Engineering

University of Waterloo

📅 Sept 2017 – April 2023