

# YESHWANTH KONKA

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## Objectives

B.Tech-(Hons.) CSE engineer with experience in developing Data Engineering pipelines and data platforms and analytics dashboards in a highgrowth startup environment. Looking for challenging opportunities in development roles.

## Experience & Responsibility

### 1. Data Engineer – Intern

Oct 2019 – June 2020

#### upGrad

Worked on different projects related to data warehousing and handling data as a streaming process and creating dashboards on Tableau and Google Data Studio, Fixing bugs in ETL process pipeline.

For Data Warehousing and Handling data as stream process, entire part coded in Python and used different tools:

- Developed a stream processing pipeline using Kafka and Zookeeper to handle data as streaming from a user engagement tracking channel like CleverTap API and consuming it with Faust in python and tested this entire process on docker.
- Set up the Apache Airflow server and scheduling tasks or jobs and monitoring via the built-in Airflow(workflow management platform).
- Worked on AWS Kinesis and Firehose for a different approach to handling streaming data from APIs(Real-Time Processing) and speeding up tasks with multi-tasking using Threads and Processes.
- Worked on implementing data warehouse(Real-Time) INSERTs and UPDATEs using CDC logs of databases Mysql and Postgres.
- Developed Payments data ETL pipeline(Batch) for students payments data from backend to Redshift.
- Fixing bugs on different ETL jobs.

Dashboards and Analytics:

- Created dashboards on Tableau for Brand Campaign at upGrad.
- Writing SQL queries for extracting data needed to make reports and dashboards from the warehouse.
- Worked on Google Data Studio, Mode Analytics to make reports

### 2. Technical Assistant

Aug 2017 - Aug 2018

Rectangle EMS (Jalandhar) (Under Aegis of Lovely Professional University, DSA)

We as a Technical Department had to handle Projects, and Assistance related to event managing.

## Major Projects

### 1. Project worked on upGrad Nov 2019 – May 2020

Project worked here are described above in experience section. Tools worked on python, kafka, aws-kinesis, aws-firehose, docker, airflow, tableau, faust, redshift, API's, redis-DB, git.

### 2. Attendance Marking System with Face Detection Sep 2019 – Nov 2019

It contains three views, one for Administer, one for Faculty for Attendance mark and other Student View to check status.

We developed this project using python, pyqt, opencv, some libraries.

### 3. Smart-Box(Using QT–Software design system) Jan 2019 - May 2019

This project is about creating a smart box which has a Temperature - Humidity sensor, a current sensor, and a IR sensor to count people in - out using Qt.

### 4. Image Transformation Project April 2020 – Present

In C++, Creating Spotlight on the image(making spot on the give position of the Image), Creating Watermark(need a white text for watermark content for making watermark), Illinify the image(Converting image to orange and blue mix color))

### 5. Web Scraping - Dec 2018 - Jan 2019

Crawling through the content of any website(i.e.Twitter).

## Skills

- Python, R, C++, C
- Version Control – Git
- ETL (Python, MS SQL Server ), Docker, Redis in-memory key–value DB, API's, Faust
- Apache – Kafka, Airflow
- AWS – Kinesis, Firehose, S3, Redshift
- Flask, Computer Vision - openCV
- Data Science Tools ( Numpy, Pandas, Matplotlib, SQL - Python and R ), Tableau
- SQL – MySQL, Postgresql, Sqlite

- No-SQL – MongoDB(Beginner)
- IOS Development(Beginner), Unity-3D
- HTML, CSS, JavaScript
- Shell Scripting
- QT – (C++, PyQt5)

## Certifications

### 1. Data Science Certification

UpGrad Education (Online) Feb 2019 – June 2019

In this Certification, learn Python(Analysis), MySql, Tableau, Exploratory Data Analysis

### 2. OpenCV for Python Developers

Linkedin Learning(Online) June 2020

Learn Image processing, object, facial, eye, feature detection and Implemented code for these tasks

### 3. Unix Work-Bench

Coursera With Johns Hopkins University (Online) Oct 2018 - Nov 2018

Learn How to manage a Unix Server or System for deploying and Maintenance.

### 4. Python Specialization

Coursera With University Of Michigan (Online) Aug 2018 – Aug 2019

This training is helping me to act differently in working Python.

### 5. Data Structure - C++ Specialization

Coursera With University Of Illinois (Online) Mar 2020 – Present.

Learned programming differently for solving competitive coding.

### 6. MongoDB

MongoDB University (Online) Sep 2017 - Oct 2017

I had learnt the Basics of MongoDB Known as Documented Database.

## Awards & Extra - Curricular activities

1. University Honor Roll for Excellent Academics Performance - 2019
2. Achieved Certificate of Excellence in Techgig Code Wizards-2019
3. Achieved Google India Challenge Scholarship for Mobile Development - 2018
4. Coordinator in College Fest, named(Youth Vibe-2016)
5. Volunteer for NEC-2017 in Rectangle EMS

\*\*\* Rectangle India is a youth-oriented start-up, Founded on 1st July, 2017 \*\*\*

## Work Samples

1. **GitHub :** <https://github.com/yeshwanthkonk>
2. **Linkedin :** <https://www.linkedin.com/in/yeshwanthkonka/>

## Qualification

### Under Graduate – B.Tech(CSE-Hons): 2016 - 2020

Lovely Professional University, Punjab.

CGPA: 9.40

### Higher Secondary Schooling: 2016

Sri Chaitanya Jr College, Hyderabad.

Percentage: 92

### Secondary Schooling: 2014

Sri Chaitanya High School, Kodad, Telangana.

CGPA: 9.0

## Personal Details

**Nationality:** Indian

**Languages known:** English, Telugu, Hindi