

## ANTIMANKUR SHUKLA

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### Address

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Madhya Pradesh-482008

### Career Summary:

- A highly motivated, skilled professional with More than 4.5 years of experience in Automation and Web App development, services using AWS, Graph database Neo4j/Mongo DB, SQL, BI/BW using Python and Tableau, Automation of GCP infrastructure using Ansible.
- Worked in Deloitte Consulting India. (Oct\_2017-Oct\_2019)
- Worked in ITILITE technologies (Oct 2019- March 2020)
- Worked in Adecco Group India [Client: Cisco Systems] (April 2020- June 2021)
- Working in Cisco Systems as Project manager (June 2021- till now)

### Technical Skills:

- Languages- Python, Vanilla JS, Core Java, HTML, CSS, PHP, OOPs, Plotly Dash.
- Databases- Neo4j, SQL, Mongo DB
- Hardware/Operating System- Windows, MAC OS
- General tools- Tableau, Ansible, Postman, Confluence, Jira, Chef Inspec, Git
- AWS Lambda, API Gateway, S3 storage, SNS, SQS, IAM roles, EC2, ECS

### Training/Appreciations:

- Trained in Google cloud platform, AWS.
- Trained in Tableau for Data analysis and visualisation.
- Trained in Python and Core Java.
- Received Applause Award for my performance in projects.

### Professional experience:

#### TOI (Broadworks)

**Duration:** Feb 2022 – Till Now

**Domain:** Cloud Readiness support(Internal)

#### **Project Summary:**

The project needs connections from Business Units to gain knowledge about their further releases of features and to provide Tech Zone Articles for the users about new releases. It also handles the new opportunity to be added to the project by looking into the SIOs or cases by customers on the product.

**Project Role:** Project Manager.

**Tools and technology:** Techzone HTML, content writing, Webex Meetings

#### **Key Contributions:**

- Connecting different business units and engineers by arranging meetings.
- Wrote technical articles for broad works new releases for end users.
- Collecting new SIO and communicating to the desired unit for further enhancements.
- Gathering knowledge about new releases.
- Planning to release new articles and others.

## **Tableau Dashboard Automation (CSFL)**

**Duration:** June 2021 – Feb 2022

**Domain:** Cloud Readiness Support Training(Internal)

**Project Summary:**

This project provides 100% automation from dashboard creation to Fetching, Cleaning and then Uploading the data into the Tableau dashboard. This project reduces manual intervention from 100% to 0% which use to take weekly 20 hours of the time of a data engineer.

The project aims at providing High impact training data visualization on live. Users of this automated Dashboard can find their teammate's insights on how many high impact trainings were published and how many were completed by them.

**Project Role:** Developer.

**Tools and technology:** JavaScript, MongoDB, Python API, Postman, Git, CSS, HTML, SQL, Google Sheet API, Tableau.

**Key Contributions:**

- Designed the architecture of the project.
- Made study of different tools feasible for the project and used them.
- Developing Dashboard (Tableau) as well backend (Python).
- Made python API code to make requests in the Internal directory, fetch data and save data from SQL, Google sheets API
- Designed schema of Objects/Data to be saved and used.
- Created a new server and wrote Cron Jobs.
- Data analysis and cleaning using python according to Business need.

## **Admin Portal Tool Version - 2(Voltron)**

**Duration:** Dec 2020 – June 2021

**Domain:** Customer Experience Review (Internal)

**Project Summary:**

The tool provides complete ability to all the admins of each customers using tool 'Voltron' of making changes in Voltron by using the Admin portal.

Project was an addition to admin portal version -1 where enhancement of few features and also adding capability for admins to make changes in changes in chain and Category, Type, Items to be tagged with the cases opened by TAC.

**Project Role:** Developer.

**Tools and technology:** JavaScript, MongoDB, Python API, Postman, Git, CSS, HTML.

**Key Contributions:**

- Designed the UI to be used by user in tool.
- Made the project structure.
- Developing UI (HTML) as well backend (JS).
- Made python API code to make requests from Mongo, fetch data and save data.
- Designed schema of Objects/Data to be saved and used. Migration from SQL to Mongo
- Used internal tool BJB code for development.

## **Guided Problem Solver Dashboard**

**Duration:** August 2020 – Dec 2020

**Domain:** Customer Support (Internal)

**Project Summary:**

GPS provides a complete solution to the common issues faced by Technical assistance providing Engineers (TAC) for Customer support. This Dashboard provided insight and key performance indicators (KPIs) of data collected specifically engineer wise as well as module wise and efficiently it was helping engineers.

**Project Role:** Developer/Project Manager.

**Tools and technology:** Python, Dash Plotly, Mongo, Excel, Git.

**Key Contributions:**

- Built Code structure and Designed of Dashboard.
- Wrote code for developing UI in Plotly python.
- Fetching data from Mongo and Excels being generated by tools for board.
- Hosted in internal server of cisco.
- Used VSCode for source code development.

### **Admin Portal Tool Version - 1(Voltron)**

**Duration:** April 2020 – August 2020

**Domain:** Customer Experience Review (Internal)

**Project Summary:**

The tool provides ability to all the admins of each customers using tool 'Voltron' of making changes in Voltron by using the Admin portal. It enables all admin to provide access to people who can access till what extent of Voltron in their team and hence project reduces 80% of manual intervention in maintaining tools manually.

**Project Role:** Developer.

**Tools and technology:** JavaScript, MongoDB, Python API, Postman, Git, CSS, HTML.

**Key Contributions:**

- Designed the UI to be used by user in tool.
- Made the project structure.
- Developing UI (HTML) as well backend (JS).
- Made python API code to make requests from Mongo, fetch data and save data.
- Designed schema of Objects/Data to be saved and used.
- Used internal tool BJB code for source code development.

### **Spicejet Integration**

**Duration:** Oct 2019- March 2020

**Domain:** Airline Travel industry

**Project Summary:**

Integration of Spicejet to the existing web app is complete automated procedure of finding flight in given time frame and date and then booking. This helps companies to book flight for their employees/traveler without of any manual intervention, hence reduces time for a person/company for taking decision and messy part of approval (auto approval for trips)

**Project Role:** Back-End Developer.

**Tools and technology:** Python, Flask, MySQL, PHP, Postman, Javascript, Git.

**Key Contributions:**

- Built logic around auto cost and trip approvals according to client policies and traveler eligibility.
- Wrote code to provide multiple passengers their meal baggage booking with their infants traveling.
- Developing API which can be harnessed at both web and mobile side.
- Made python code to handle, make requests and manifest data fetched from API.
- Designed schema of SQL tables.
- Used Jupyter for source code development.

**Cloud Garage Project (IROPS)**

**Duration:** March 2019- Oct 2019

**Domain:** Airline Travel industry

**Project Summary:**

IROPS is a complete solution for irregular operation of airlines, where timely rebooking, reissuance and revalidation of tickets for canceled flights and rerouting of passenger is a challenge. By predicting the disruptions of flight service rescheduling is done automatically.

**Project Role:** Developer.

**Tools and technology:** Python, Neo4j, Cloud SQL, ML engine, Cloud functions, Twilio.

**Key Contributions:**

- End to end responsibility of algorithms development in which python is used.
- Developed graph database for airplane routes using Neo4j.
- Played key role in architecture planning and workflow of project.
- Wrote algorithms for finding alternate routes with least time, distance and automatic rescheduling of passengers according to priority.
- Made python script to generate Cloud SQL tables for saving flight and passenger manifest data fetched from API.
- Designed schema of SQL and structure of graph database.
- Used Jupyter for source code development.
- Data analysis and refining for model training.

**Connected Patient Hub**

**Duration:** September 2018- February 2019

**Domain:** Health care industry

**Project Summary:**

Connected Patient Hub is a CRM application which deals with end to end solution of patient connection with his desired hospital. A patient can find his doctors, take prescription online and can share his medical history etc.

**Project Role:** Automation/Development.

**Tools and technology:** Python, AWS, Fittesse tool, Postman, Swagger.

**Key Contributions:**

- Developed Questionnaire service module using python and swagger.
- Automated QA procedure using python scripts.
- Wrote scripts in fittesse tool for regression testing.
- Worked on different services of AWS like Cognito.
- DynamoDB, CloudWatch, Lambda and API Gateway
- Performance testing of whole services and product using postman.

**Open Cloud Project**

**Duration:** January 2018- July 2018

**Domain:** Cloud Infrastructure

**Project Summary:**

Internal project for automation of GCP infrastructure as per requirement of small, medium, large scale industry.

**Project Role:** DevOps.

**Tools and technology:** Ansible, GCP.

**Key Contributions:**

- Wrote playbooks to automate launching of VM instances describing region, VPC etc according to the size of industry.
- Used Ansible for automating the creation of VPC.
- Automated the service stackdriver logging and monitoring part for having logs of instances.
- Setup of Ansible tower AWX and running playbooks.
- IAM role and Service account generation.

**Firm Initiatives:**

- Made SIO(System Improvement Opportunity) tool for Customer Experience review team helping Managers to bridge gap between BU and customers need.
- Worked on IOT Firm Initiative as team lead to develop an end-to-end product using IOT Core GCP, IOT sensors, BigQuery, Pub/Sub, Cloud function, API Development, python, Flask and Data Analysis for better marketing and sales of Goods.
- Leading Impact day for NGO akshara seva in Deloitte.

**Academic Qualification**

Degree	Year	School/ University	Percentage / CGPA	Board/ University
<b>MBA</b> (Executive)	2021-2023	Christ University, Bangalore - 560029	pursuing	Christ University, Bangalore
<b>B.E</b> (Electronics and Communication Engineering)	2012-2016	Rajiv Gandhi Technological University, Bhopal -462001	7.80-CGPA	Rajiv Gandhi Technological University
<b>XII<sup>TH</sup></b>	2012	St. Aloysius Sen. Sec. polipathar, Jabalpur MP-482008	72%	CBSE
<b>X<sup>TH</sup></b>	2010	St. Aloysius Sen. Sec. polipathar, Jabalpur MP-482008	89.4%	CBSE

### Strengths

- Good Communication skills, Positive attitude, polite and leadership quality

### Personal Information

Date of Birth: 21<sup>st</sup> May 1995

Hobbies: Trekking, Writing Poems, Listening Songs, Reading Books, Study of Anthropology.

Languages Known: English, Hindi, Bagheli

### Declaration

I hereby declare that the above information is true to the best of my knowledge.

Date:

Place: Bangalore, Karnataka, India