

**Swapna Konda**

Software Engineer (Python, AWS)

**Phone**: +91 9492174881

**Mail**: swapnareddyk95@gmail.com

**Location**: Hyderabad

# SUMMARY:

* **Micro Service Developer** with **3** years in developing, deploying, and maintaining scalable and secure applications using **Python3** and **Amazon Web Services**.
* I have extensive experience working with Amazon Web Services (**AWS**), including [IAM, S3, Lambda, APIGW, DynamoDB, CloudWatch]. I have a strong understanding of the AWS architecture and have successfully deployed and maintained 2 applications on the platform, ensuring high availability and scalability.
* Utilized **Pandas** and **NumPy** library to manipulate, clean and analyse large datasets for Blocket client project. Conducted data analysis to identify trends and insights, resulting in outcome.
* Aware of all sorts of Agile ceremonies (user story grooming, sprint planning, sprint retrospective)
* Proficient in all aspects of software life cycle like Build/Release/Deploy and specialized in cloud automation using Docker and **CI/CD**
* Expertise in using **Postman**, **Git**, **Confluence**, **JIRA** tools.
* Having good experience on SQL RDS and No SQL databases.
* I have a solid understanding of Object-Oriented Programming (**OOPs**) principles, including inheritance, polymorphism, and encapsulation
* I have a strong background in **Machine Learning algorithms** and have solid understanding in Classification and Regression algorithms.
* Strong problem-solving skills, excellent communication, and a track record of delivering high-quality software.

# EXPERIECNE SUMMARY:

* Working as Software Engineer at **Cognitbotz Solutions Pvt Ltd**. Hyderabad from Aug 2021 to till date.
* Worked as Associate Software Engineer at **Tata Consultancy Services Pvt Ltd**. Hyderabad from Sep 2016 to Apr 2018

# TECHNICAL SKILLS:

Languages : Python Cloud Services : AWS

CI/CD : Docker, Sonic

Data Bases : Postgres, DynamoDB Development Tools: PyCharm, Jupiter NB

Skills : Micro services, Python, AWS, Data Science with Python, Machine Learning Algorithms

Project Management Tools: Confluence, JIRA, Slack

OS : Windows, Ubuntu

# PROFESSIONAL EXPERIENCE:

### Project #1: Access Management Portal (WirelessCar Sweden)

Role : Software Engineer

Technology Used : Python, Unit test, Moto, AWS

Version Control : GitHub, Git

Team Size : 6

Duration : Jan 2022 to Till Date

# Description:

This portal is developed for to simplify access management administrative needs. At present it is very cumbersome to handle user requests through JIRA service desk tickets. To avoid this manual process, introducing new portal contains access management features with proper authentication.

# Roles and Responsibilities:

* Design, develop and maintain micro services using python3 and AWS services
* Expertise in writing CloudFormation scripts for AWS resources
* Developed and prepared testcases using Unit test and Moto frameworks.
* Used GIT to control, track and maintain the different versions of the project.
* Involved in peer code review process and refactoring.
* Participation in Agile activities including PI planning, Sprint, Stand-up’s, and review meetings.

### Project #2: Blocket Bostad Housing Feeds

Role : Data Science Engineer Technology Used : Python

Cloud : AWS

Services Used : S3, Lambda, DynamoDB, IAM, CloudFormation

Version Control : GitHub

Team Size : 2

Duration : Aug 2021 to Dec 2021

# Description:

‘Blocket Bostad’ is Sweden's largest market for housing rentals. It helps both you who

rent and rent out first-hand and second-hand apartments, houses and rooms.

The scope of this project to perform exploratory data analysis on housing feeds which

will be available on S3 bucket and store the final selected feature data in DynamoDB for future price prediction.

# Roles and Responsibilities:

* Gathering Data from the client, and understanding the data in what situation it is
* Performed Data Cleaning, features scaling, features engineering using Pandas and NumPy packages in python
* Communicated the results with operations team for taking best decisions
* Expertise’s in writing of AWS cloud-formation YAML files for Creating **S3** bucket, create a **Lambda** function and configure a **trigger** for Amazon Simple Storage Service (Amazon **S3**) and DynamoDB table creation
* Expertise’s in usage of boto3 python library to communicate to AWS services S3 and DynamoDB from lambda

**Project #3**: **McKesson Corporation**

Role : Python AWS Backend Developer

Technology Used : Python, AWS

Cloud : AWS

Services Used : Lambda, DynamoDB, S3, IAM, CloudFormation

Tools Used : Confluence, JIRA, Slack

Version Control : GitHub

Team Size : 2

Duration : Mar 2017 to Apr 2018

# Description:

McKesson Corporation is an American company, distributing pharmaceuticals and providing health information technology, medical supplies and care management tools serving more than 50% of U.S. hospitals and 20% of physicians. We deliver one third of all medications used in North America with operations in more than 16 countries.

# Roles and Responsibilities:

* Participation in all sort of agile ceremonies
* Involved in all phases of Software Development Life Cycle (SDLC)
* Developed backend API’s using Python and AWS services
* Participated in peer Code Review, updating in Confluence page

# EDUCATION:

May/2016: B.Tech Electronic and communication engineering,

JNTU Hyderabad with76%

March/2012: Intermediate [MPC], Narayan Junior College, Hyderabad with 93.6%

April/2010: S.S.C Annus Academy Wanaparthy with 92%

# PERSONAL DETAILS:

* Date of Birth : 10 August 1995
* Language Known : English, Telugu and Hindi.
* Marital Status : Married
* Nationality/Religion : Indian / Hindu

***I hereby confirm that all the details furnished above are true to the best of my knowledge.***

**Signature: Swapna Konda**