



Bhavani Malagani

Software Engineer

malaganibhavani@gmail.com

9177657485

HYDERABAD, INDIA

IT Professional with 2+ years of proven knowledge as a Software Engineer at Accenture, collaborating on creating data pipelines, ML models, Flask APIs and maintaining SQL instances.

WORK EXPERIENCE

Software Engineer Accenture

11/2020 - Present

Hyderabad

Environment: Python, Mongo DB, SQL server

Achievements/Tasks

- Developing python scripts for application specific tasks.
- Collaborating with team on building business logic for solving various issues.
- Establishing the relationship between different data sources and preparing the topology on data.
- Debugging and fixing the bugs in python scripts.
- Monitoring Flask API, jobs running on SQL agent.

PROJECTS

Instance optimization (06/2022 - Present)

- Developed modules to collect instance information.
- Developed service that calculates the optimized specifications of the instance based on the wise response.
- Developed a module to Identify the better shape that best fits the specs and minimizes the cost, store the data in MongoDB.
- Developed Flask code that runs the Instance optimization service.

Intelligent Test planning (08/2021 - 05/2022)

- Developed script for Collecting the testcase execution data using Skynet APIs and storing it on internal database.
- Developed script for preprocessing the data.
- Developed script to train the ML models for ITP using K-Means, culprit commit predictor using MLP.
- Developed script to load the trained ML model and make predictions for the input received through flask API.

Supply Chain Infra (12/2020 - 07/2021)

- Resolved > 99% of Incidents within SLA.
- Installing SQL Servers on VMs and configuring always on.
- Periodically backing up the databases.
- Addressing the patching vulnerabilities.

EDUCATION

Post Graduation

University college of engineering, Osmania University

12/2020 - 12/2022

Hyderabad.

M-Tech

- Artificial Intelligence & Machine learning

SKILLS

Backend Databases:

SQL server

Mongo DB

Operating Systems:

Windows

Linux

Technical Skills:

Machine Learning

GIT

Programming Languages:

Python

BASH

Framework:

Flask

ACHIEVEMENTS

Pinnacle Award

Received Pinnacle award for the good performance and delivery.

CERTIFICATES

DP-900 (05/2023)

Certified in Microsoft Azure Data Fundamentals

AZ-900 (05/2021)

Certified in Microsoft Azure Fundamentals

Database Administration Fundamentals (03/2020)

Certified in Database Administration Fundamentals by **Microsoft Technology Associate**.

Programming Languages (06/2019)

Certified in C, Java, MySQL in training offered by **Spoken Tutorial Project, IIT Bombay**.

LANGUAGES

English

Full Professional Proficiency

Telugu

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Coding

Automation