

# Pallav Malu

Senior Software Engineer

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## SUMMARY

- Enthusiastic Software Engineer with **4+ years of IT Experience**.
- Experience developing **REST API** using Mulesoft's Anypoint Studio & Platform, and Python (Flask).
- Trained and **Certified Mulesoft Developer**.
- Experience writing **RAML API specifications**, **Dataweave** language transformations, and **API-led architecture**.
- Proficient in **Mulesoft (Anypoint Studio, Platform)**, **Python**, **Flask**, **Neo4j Graph Database**, and **Elasticsearch**.
- Proficient with **Salesforce and Database Mule Connectors**.
- Experienced in implementing **CI/CD** using **Azure Pipelines**.
- Experience in writing **Python** scripts for data analysis.
- Experience in data fetching, cleaning, and preprocessing using **Python (pandas)** scripts.
- Experience in writing **Shell scripts** for automated installations in **Linux VMs**.
- Experience with **Neo4j Graph Database**, and **Elasticsearch** as **DB** and monitoring tool.
- Dynamic and willing to learn and adapt to new technologies.
- Excellent communication and interpersonal skills.

## EXPERIENCE

### Apisero Inc., Pune — Senior Software Engineer

Dec 2021 - Present

#### Technology Stack - Mulesoft, Anypoint Studio, Anypoint Platform

- Mulesoft Certified Developer Level 1.
- Trained in Mulesoft, CloudHub.
- Working as a Mulesoft Developer and Consultant.

### Infosys Ltd., Bengaluru — Digital Specialist Engineer

July 2019 - Dec 2021

#### Technology Stack - Python, Neo4j - Graph DB, Elasticsearch

- Working with Strategic Technology Group in the BFSI domain.
- Developing backend applications using **Python**.
- Responsibilities - Data Analytics using **Python**, **Neo4j**, and **Elasticsearch**.
- Got an **Insta Award** for one of the POCs.
- Trained in **MERN Stack** at Infosys Mysore Campus.

## SKILLS

**Backend Technologies** -  
Mulesoft, Rest API,  
Dataweave, Python, Flask

**Database** -  
MySQL, Neo4j GraphDB,  
Mongo DB

**Data Analytics Engine** -  
Elasticsearch, Kibana, Splunk

**Version Control** -  
Git, Bitbucket, Azure DevOps,  
GitHub Desktop

**Frontend Technologies** -  
ReactJs, HTML, CSS

## AWARDS & RECOGNITION

### CERTIFICATIONS

Mulesoft Certified Developer  
- Level 1 (Jan 2024)

**ACE Award, Apisero**  
**APIHANA Award, Apisero**  
**Raving Reviews, Apisero**

**Insta Award, Infosys**  
For developing critical  
modules in a POC.

**IIT JEE Advanced, 2015**  
AIR 10011

**IAPT JSO, 2011**  
Merit - Top 1%

**INCEF Scholarship, 2008**  
Selected for Scholarship by  
International Children's  
Excellence Fund

## **Newton School, Bengaluru — Student Mentor**

Feb 2020 - Nov 2020

### **Student Group – B.Tech Final Year Students**

- Resolving doubts, guiding students through Full-Stack Web Development (MERN), motivating, building soft skills, and preparing them for Placements.
- Mentored and Placed 9/10 students at Good Compensation

## **MMF Infotech Pvt Ltd, Indore — Python Development Intern**

Jun 2018 - Jul 2018

- Worked on NLP basics to identify and separate words for a chatbot.
- Made the chatbot search databases for personal assistance and respond based on the intent of the input message.

## **EDUCATION**

### **SGSITS, Indore — Bachelor of Engineering, 2019**

BE in Information Technology | 6.99 CGPA

### **AMNEM School, Indore — Class 12th, 2014**

Stream - PCM | CBSE | 80.80%

### **St. Pauls H. S. School, Indore — Class 10th, 2012**

Board - CBSE | 8.0 CGPA

## **EXTRACURRICULAR**

- Stand-up Comedy Performer
- Accomplished Winter Treks - Kedarkantha Peak - 12500ft & Kuari Pass Peak - 12700ft.
- During UG lead multiple communities -
  - Co-founder/Head, Events - #include SGSITS (Techno-learning community)
  - Head, Media Relations - E-Cell SGSITS (Marketing, Sponsorships, On-field events, Hosted Panel Discussions, and Debates)
  - Head, Public Relations - IIMUN 2017
  - Event Coordinator - Graffiti on Wall (at Indore Animal Hospital for NGO AWARE)
  - Volunteer, Hospitality - Global Investor Summit, MP
  - Participated in a Dance Competition (Avahaan - Freshers Day at SGSITS)
- Runner-up Volleyball Competition (St Pauls H S School)

## PROJECTS

<b>Multiple Projects</b>	<b>Duration – Since Dec’21   Apisero</b>
<b>Role</b>	<b>Solution Consultant</b>
<b>Project Description</b>	<ul style="list-style-type: none"><li>• Focused on building integration for e-commerce companies and their various use-cases.</li><li>• Implementing API-led connectivity architecture.</li><li>• Working with Schedulers, Connectors, and their configurations.</li><li>• Integrating with several systems like Salesforce, Database (SQL Server), and Azure Blob.</li><li>• Developing RESTful web services for different systems to interact with the application.</li><li>• Developing flows to send email alerts/notifications to users.</li><li>• Writing RAML specifications for APIs.</li><li>• Working with the Anypoint platform for managing applications.</li><li>• Configured CI/CD Pipelines using Azure Pipelines.</li></ul>
<b>Environment</b>	Mulesoft – Anypoint Studio, Anypoint Platform Connectors – Salesforce, Database, Azure Blob, Tradacom

<b>Customer 360</b>	<b>Duration – 20 months   Infosys</b>
<b>Role</b>	<b>Backend Developer (customer-facing Role)</b>
<b>Project Description</b>	<ul style="list-style-type: none"><li>• Gather requirements and build feasible POCs to showcase to different verticals.</li><li>• Develop a set of applications (POCs) that provide a 360 view of the bank’s customers.</li><li>• Fetch, clean, and preprocess raw data using pandas (Python library).</li><li>• Performing data deduplication, aggregation, and narrowing data redundancy.</li><li>• Building adapters to ingest/fetch data from Elasticsearch, enabling easy pagination and search for large data and aggregation queries to support visualizations.</li><li>• Building connection adapters for Neo4j to ingest/fetch data.</li><li>• Developing API endpoints to interact with different systems.</li><li>• Providing Recommendations (on missing values and anomalies) using Neo4j Similarity algorithms, Levenshtein – Fuzzywuzzy.</li></ul>
<b>Environment</b>	Python, Neo4j, Elasticsearch, Linux VM

<b>Sentiment Analysis - POC</b>	<b>Duration - 3 months   Infosys</b>
<b>Role</b>	<b>Backend Developer</b>
<b>Project Description</b>	<ul style="list-style-type: none"> <li>• Worked with a Banking Client to predict and visualize sentiments based on various feedback channels.</li> <li>• Analyzed the sentiments using a pre-trained model and created a network - graph, word cloud, and Kibana Visualizations to provide useful insights.</li> </ul>
<b>Environment</b>	Python, Neo4j, Elasticsearch, Kibana

<b>Skills Track - POC</b>	<b>Duration - 3 months   Infosys</b>
<b>Role</b>	<b>Backend Developer</b>
<b>Project Description</b>	<ul style="list-style-type: none"> <li>• Worked on an Internal POC that recommends best matching profile for skill using Graph DB and provided entity resolution for skills as per industry standards.</li> <li>• Got an Insta Award for developing critical modules in a short time period.</li> <li>• Got Global Agile Developer Certification from Infosys.</li> </ul>
<b>Environment</b>	Python, Neo4j