

AMOL ARUN PACHPUTE

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OBJECTIVE

Seeking a position to utilize my technical abilities in the Information Technology Industry, a job where growth prospects are unlimited and individuality is recognized by work.

PROFILE SUMMARY:

- Having **10 years** of experience in software development using **Python** programming language
- Highly analytical **back-end lead developer** committed to deliver robust and reliable applications
- Strong experience with **Object Oriented Programming, Data structures, and algorithms**
- Functional areas: **Web development**, storage, virtualization and networking
- Web technologies: **Django, ORM, Rest API, ReactJS, AWS, Software design**
- Experience with **Continuous Integration and Continuous Delivery**.
- Experience in **TDD** (Test Driven Development) with **unit/integration** testing.
- Experience with **Monolith to Micro-services** project.

TECHNICAL SKILLS:

WEB DEVELOPMENT:

Python, Django, Flask, Rest API, ORM, MVC, JSON, Nginx, Docker, MySQL, PostgreSQL, ReactJS, Celery, RabbitMQ, Redis, HTML, CSS, Bootstrap, AJAX, AWS

OTHER:

ECS, EC2, S3, RDS, Eventbridge, Serverless, Cloudwatch, Datadog, Jenkins, Github Actions

TOOLS:

Git, JIRA, Pycharm, Pylint, PEP8, Github

PLATFORM:

Linux, Windows

EXPERIENCE:

Project Lead, Encora Digital LLC

(Feb-2019 | Current)

Pune, Maharashtra

Sr. Development Engineer, Calsoft Pvt Ltd

(Sept-2016 | Jan-2019)

Pune, Maharashtra

Developer, ANSR source Pvt Ltd

(Nov-2014 | Sept-2016) Bangalore.

Karnataka

Programmer, Mahiti InfoTech

(Sept-2013 | Sept-2014), Bangalore,

karnataka

PROJECTS:

Project 1: Monolith to Microservices:

Client: Realpage, (July-2023 | Current)

Tech stack: Python, Flask, ReactJS, AWS, Celery, RabbitMQ, Redis, Twilio, github actions,

Role: Tech Lead

Description:

A real-estate client with property management web application monolith with 800+ endpoints. Has features like user-management, communications over e-mail, SMS, web notifications, celery tasks, voice app for phone calls and browser calls, vendor API integration. This was being decommissioned as a first step to micro-services. It had 7 micro-services to be decommissioned. The monolith has extensive coupling of the ORM layer with the service layer which. Lead 2 services.

Project 2: Python 2 to 3 migrations:

Client: Realpage, (April-2022 | July-2023)

Tech stack: Python, Flask, ReactJS, AWS, docker, Celery, RabbitMQ, Redis, Twilio, github actions, Futurize

Role: Tech Lead

Description:

Lead the migrations project from Python 2.7 to Python 3.6. A real-estate client with property management web application monolith with 800+ endpoints. Has features like user-management, communications over e-mail, SMS, web notifications, celery tasks, voice app for phone calls and browser calls, vendor API integration. This being on production with simultaneous modifications being done, needed the migrations to be backward compatible with Python 2.7.

Project 3: Forecast Genius:

Client: Universal Power Group, (May-2020 | April-2022)

Tech stack: Python, Django, React JS, SQL server

Role: Sr. Back-end developer

Description:

An application which forecasts the quantity of items which will be sold in future. It forecasts the number of items which will be sold in future based on the sales in past 10 years. These predictions are generated using different forecasting algorithms such as Box-Cox, Log-Shift, Log-MA, and rolling mean. It also provides a UI with historical data and forecast data for comparison and make business decisions related to supply chain management. Demand, supply and prices are then monitored and modified using forecast-ed data.

Project 4: FlexPod

Client: NetAPP, (June-2017 | April-2019)

Tech stack: Python, asyncio

Role: Sr. Development Engineer

Description:

NetApp FlexPod is the converged infrastructure of compute, storage and networking components that are pretested and validated to work together as an integrated infrastructure stack. FlexPod includes NetApp storage, Cisco networking i.e Nexus/MDS, and the Cisco Unified Computing System (UCS) in a single deployment and VMware virtualization components

Project 5: VCE-LBG

Client: Client: Dell EMC, (Sept-2016 | June-2017)

Tech stack: Python, ReactJS, aiohttp

Role: Sr. Development Engineer

Description:

A Dell EMC converged infrastructure solution vBlock. It contained configuration of various virtualization, networking and components for VxRack/VxBlock. Contained a admin backend to manage the installation and verification process for the components.

ROLES AND RESPONSIBILITIES:

- Requirement gathering, design, and its implementation.
- Work as full-stack developer and develop and maintain applications using Python and react.
- Responsible for client communications, leading the team
- Troubleshoot, debug, optimize and upgrade existing systems
- Develop flowcharts, layouts and documentation to identify requirements and solutions
- Perform code reviews,
- Front-end/back-end bug fixes, Code deployment, releases
- Write unit/integration tests(TDD)
- Team coordination and conduct trainings and KT.

EDUCATION:

B.E (Information Technology), D.Y.Patil College of Engineering,
Pune university, Akurdi, Pune, Maharashtra

DECLARATION:

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

Place: Pune

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