SHIVRAJ PATIL

Sr. Software Engineer @Accenture pvt sol. Bengaluru

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CAREER OBJECTIVE

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

PROFESSIONAL SUMMARY

- Software Engineer with more than 4+ years of hands-on experience in Agile Software Development.
- Exposure to multiple technologies: Python, Flask, Kubernetes, SQLAlchemy, SQL, GIT, Cloud(AWS).
- Extensive client interaction experience.
- Capable to learn and implement new technologies within lesser time.
- Believe in the deadlines.
- Exposure to sectors like data-analytics platform, IT operational software, datalineage platform.
- Supportive and enthusiastic team player with the willingness to take ownership of core components and delivering it within the respective time frame.

SKILLS HIGHLIGHTS

Operating Systems	Linux, MacOS , Windows
Programming Languages	Python
DevOps	Docker, Kubernetes
ORM	SQLAlchemy
Web Framework	Flask, Django
CICD Tool	Jenkins
Web Technologies/Services	HTML,CSS
Version Control Tools	Git
Project Tracking Tool	JIRA
RDBMS	MySQL, Oracle, SQLite
Cloud	AWS

JOB EXPERIENCE

Senior Software Engineer   **Present**
Accenture- Bengaluru
Project- Big data (USSteel)

Project Desc.- The primary business of US Steel is the production and sale of steel sheet products such as hot roll, cold roll and galvanized sheet. Working on different data analytics application which help them have better insights and improve in steel production. Handling various projects(Steel price predictions , Alloy consumptions, Scrap Management) which led to save $2 million a year by switching to these platform/applications.

Responsibilities-
- Development overall end to end Application including UI, Backend and data engineering use case.
- Development of API's.
- Leading team of 4 people.

Technologies- Python 3.6,Flask , Kedro, Airflow, Vuejs

Software Engineer   **Nov-19 to Mar-21**

LTI - Pune

Project- MOSAIC Lens

Project Desc.- All the data would be registered in the data catalogue. Catalogue also contains the metadata related to dataset. Users can also register new datasets here. Sample data would be loaded into memory and help the user data mash-ups to arrive at the rules. System will also throw up automated insights based on the data elements.
Users can create graphical widgets of the data for better data understanding. Users will create multiple charts with multiple aggregations over the data. Users can deploy the script to Distributed cluster and schedule the rule generation part.
Post publishing the reports – Data would be fetched from Data store layer rather than In-Memory sample data holder. Publisher can set multiple level of authorization as to who can view / edit the reports.
Output of rules would be presented to the users as Alerts.
User can suppress the alert, convert to task and track the task. Create a case out of an alert.

Responsibilities-
- Development of API's for microservices.
- Performed devops related action like deployment of microservices, bugs fixes, etc.
- Implemented monitoring system like Prometheus including alertmanager.

Technologies- Python 3.6, Kubernetes.

Software Engineer   **Oct 18 to Aug 19**

LTI - Pune

Project- GBI datalab Apple Inc.

Project Desc.- GBI Data Lab is a platform to implement machine learning and other analytics tasks where a user can write code in jupyter notebook and get the desired output. A user can train a model using this platform and schedule multiple tasks on hour, weekly and monthly basis. This platform provides multiple templates for implementing the tasks like Python Base, Python Advance, Spark, teradata templates. This platform provides various tools which are required for machine learning and data analytics tasks.

Responsibilities-
- Worked as a backend developer to enhance the functionality of the platform
- Implementing the logic for the development of the feature.
- Fixing the production bugs.
- Involved in various stages from developing to deploying the feature.
- Creating Rest APIs.
- Pushing the changes and testing function on Github repository.
- Analyzing user requirements, writing and debugging the code accordingly.
- Conducting code reviews.
- Implemented vcs for notebook on Github using Github API.

Technologies- Python 3.6, Flask, Docker, Kubernetes, SQLAlchemy, Github

Software Engineer   **July 18 to Oct18**
LTI - Pune
Project- MOSAIC –AIOPs
Project Desc.-
IT operational center platform to resolve ticket issues. A user can see the status of request on each phase.
Automated categorizing the tickets based on the ML module.
Responsibilities-
- Design and Implementation of core modules.
- Code review and wrote API's in backend.
- Migrated whole .Net project to python.
- Used Django Framework.

Technologies- Python 3.6, Flask, SQLAlchemy, Gitlab

ACHIEVEMENTS

- **HACKATHON**:
  Participated in **LTI mosaichacks 2020**.(Developed multiple cloud services in one web platform as a cloud marketplace)

PROFESSIONAL COURSES & CERTIFICATIONS

- **Udemy certifications**:
  Python
  Docker
  Kubernetes
  Machine learning

EDUCATION

- Bachelors of Engineering, Electronics & communication   2013 - 2017
  KLS VDIT, VTU

PERSONAL DETAILS

Date of Birth	10th June, 1994
Languages Known	English, Hindi, Kannada
Cell number	+91-7204141598 (personal)
Email	shivrajtpatil12@gmail.com
Portfolio	https://shivrajpatil12.github.io