

Piyush Bag

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SKILLS/TOOLS

Technologies: Python 3, Django, Django REST Framework, Flask, ORM : SQLAlchemy, Microservice and REST APIs, PL/SQL, Oracle 11g, Unix Shell Scripting, HTML5, CSS3, Bootstrap 4.

Java/J2EE, JQuery, SOAP Web Services, IBM WAS 6.1/8.5, IBM HTTP Server 8.5

Tools: Mantis - Defect Tracking Tool, WinSCP, Putty, Dreamweaver, PL/SQL Developer.

Agile Methodologies: Scrum, Waterfall - Software Development Lifecycle (SDLC).

EXPERIENCE

Systems Engineer - Tata Consultancy Services Ltd. (TCS)

12/2016 - Present

Python/Django Developer - 3.5 Years of Experience

- Built an eCommerce website using Python in Django Framework and Bootstrap 4.
- Created a REST API using SQLAlchemy and Flask-Marshmallow with POSTMAN
- Created Packages, Procedures, Functions, Triggers and Cursors for implementing complex business logic (Developed a procedure for HR portal to move 300 new users in DB, eliminated the manual activity of HR team to enter user details from the front end)
- Web based development experience with JQuery, Ajax and various JavaScript frameworks
- Development of REST APIs in Python and MongoDB, providing backend capabilities to interface with OpenStack and other downstream APIs
- Perform code migration to the code environment and Maintain documentation of production schedules and assist in documenting operational best practices
- Perform functional and performance testing of solutions
- Working alongside other team members to provide assistance in business analysis, document solution designs and technical writing skills
- Proficient in Linux, including scripting and deployment of applications in an enterprise environment
- Connect with S3 bucket to download the file with Boto3 library provided by AWS

EDUCATION

University of Mumbai | St. Francis Institute of Technology

2012 - 2016

B.E. in Information Technology

BE Project: Secure file sharing system over Cloud Computing Environment

Mini Projects: DBMS for movies rating (IMDb), Café Cecilda Website

ACTIVITY AND AWARDS

Technical Head - Information Technology Students Association

2013 - 2014

Twice TCS Best Team Award (Highest Customer Satisfaction Index)

2017 & 2018

Twice TCS On the Spot Award (Process Improvement, Reduced CPU utilization)

2017 & 2019

HOBBIES

Running, Poker, EDM, Crypto-currencies