Saravanakumar R

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Career Objective:

To utilize my technical skills and work hard with full dedication for achieving the target as well as developing the best performance in the organization.

Experience: TATA Consultancy Services (June'18 – Present)

Roles Tagged: System Engineer – Python Developer

A Passionate Entry level Developer with experience in Python Django to build, enhance and testing of website development with interactive features that drive business growth and enthusiastic to create automate things for better business solution.

- An Year of experience in analysis , design ,development and implementation of various e-commerce application particularly in pricing domain ,database and client- server architecture using Python/Django .
- Hands on experience in writing ,optimizing and debugging stored procedures ,functions, views , urls, triggers and troubble shooting database issues.
- Experience in automated testing such as Load Test ,Destructive Test to validate solutions and REST API testing using tools such as Swagger ,Postman.
- Handson experience in libraries such as Numpy, Pandas.
- Good experience in Postgres and Pheonix Database.
- Experience with Web Services, API Gateways using drf_yasg libraries.
- Document current and future procedures, configuration with confluence, Github.
- Experience working within an Agile/Scrum Workflow.

- Present work to the clients on bi-weekly vc meetings and build the products that align with client requirements.
- **Tools and Packages** : Django framework, Jupyter, Pandas, Numpy, Swagger, Postman ,Postgres, Pheonix database

Roles Tagged: Assistant System Engineer - SRE& DBA

- Good Experience in creating and editing shell, bash, python Script for automation.
- Good Experience in Database Patching, Changing of Machine type ,Scale up ,Scale down ,DSE upgrade , Datastax Agent and nodes monitoring experience on Opscentered.
- Implement shell scripts for various tasks such as disk space monitoring, cpu utilization and performance monitoring, Latency monitoring,5xx threshold level monitoring etc.
- Document current and future procedures, configuration with confluence, Github.

- Get the Application URL set up and maintained, with content switching and load balancing using MIG indicator in G-clouds and also provide troubleshooting and assistance, Monitoring of PUB/SUB messages using GCP dashboards.
- Experience in Agile working Methodology.

Technical Skills Environment:

Python , Github , Bash ,Shell Scripting, Linux , GCP , MIG, EC2, S3 buckets,Slack, Confluences, Google API , Opscentered , Pivotal tracker , cygwin .

Certifications and Awards:

- On the Spot Award and Appreciation by Clients and TCS –June'21, May'20, April'20, December'19.
- Udemy Certified for Python and Kivy the right way of mobile app -April 2020.
- Certified of Trained in Python – April- May'19
- Having a Patent for design and coding in " Arduino Uno Controlled Solar Panel Cooling and Cleaning Process Robot" .
- Published two IEEE SCOPUS Indexed Journals on the topic "Review on Arduino based Solar Panel Cooling and Cleaning Robot" and "M Energy Audit Reports".

Academic Details:

- B.Tech – Electrical and Electronics Engineering (SASTRA Deemed University (2014-2018))

Personnel github for pet projects :

- https://github.com/saravanakumar0504
- Experienced and Interested in UI/UX designs using tools such as Adobe XD , Illustrator.