Saravanakumar R

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https://github.com/saravanakumar0504
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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 - Developer

A Passionate Entry level Data Science Developer with experience in Python, Jupyter, Tableau to build, enhance data analytics, interactive features that drive business growth and enthusiastic to create automate things for better business solution.

- Analyzed the Efficiency , Price, Comfort of Electric Cars using the corresponding dataset given.
- Predicted the Random forest and Decision Tree Classifier for Price and Seating capacity in the vehicle.

- Document current and future procedures, configuration with confluence, Github.
- Present work to the clients on bi-weekly vc meetings and build the products that align with client requirements.
- Experience in Agile working Methodology.
- **Tools and Packages** : Jupyter, Tableau, Pandas, Numpy, seaborn, Matplotlib, Sklearnkit

Github : https://github.com/saravanakumar0504

Roles Tagged: Assistant System Engineer - SRE& DBA

- Good Experience in creating and editing shell, bash, python Script for automation.
- Good Experience in Cassandra Database Patching, Changing of Machine type ,Scale up ,Scale down ,DSE upgrade , Datastax Agent and nodes monitoring experience on Opscentered.
- Developed the Python Scripts for Auto Mig size reducer, Cassandra Patching scripts etc.
- Code and 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.

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- Responsible for creation of new dashboard for application monitoring.
- Experience in automated testing(Load Test /Destructive Test) to validate solutions and environments .
- Experience with Web Services, API Gateways and application integration development and design.
- Hands-on Experience with EC2,ECS,S3,IAM,Lambda,Auto Scalling in AWS.
- Experience in Agile working Methodology.

Technical Skills Environment:

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

Certifications and Awards:

- On the Spot Award and Appreciation by Clients and TCS – May'20, April'20, December'19.

- Certified of Trained in Data science Masters Program

- Udemy Certified for Python and Kivy the right way of mobile app -April 2020.

- Certified of Trained in AWS Solution Architect and 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))