

Philemon Johnson

SOFTWARE ENGINEER

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Experience

Dell EMC

SOFTWARE ENGINEER 1

Bangalore, India

April 2019 - PRESENT

- Resolve escalated customer issues on Cloud Array.
- Test and resolve bugs in Cloud Array.
- Automate health checks on Cloud Array.

Freelance

DEVELOPER

Bangalore, India

PRESENT

- Developing cost effective, robust and highly available serverless backend on AWS for local E-commerce platform.
- Created website with contact and enrollment form for staffing firm.

Infabytes

BACKEND DEVELOPER

Bangalore, India

August 2018 - April 2019

- Developed Backend for IoT devices to retrieve, clean sensor data from mechanical machines to cloud.
- Architect and integrated AWS services for end-to-end cloud automation of the data obtained from the IoT devices .
- Created solution for real-time visualization of the data produced by the IoT devices.

Skills

Languages Python, Java, Shell Script, C++, YAML

Technologies Django, Flask, AWS, Docker, REST, Hadoop, YARN, Spark

Servers Unix/Linux, RHEL 6/7, CentOS 6/7, Ubuntu 16.04 and higher

Certifications RHCE, RHCSA

Version Control Git

Database MongoDB, MariaDB, Postgres, HIVE, HBase

Storage NAS, NFS, SAMBA, ISCSI

Projects

Elysium

- CLI to automate deployment of Hadoop Cluster on AWS to migrate existing data onto the Cluster over Cloud for data analysis.
- Supports dynamic load balancing by manipulating the number of nodes based on the load on the cluster.

BugBug

- Video conferencing solution using webRTC(P2P) along with server-client architecture.
- Highly scalable, resilient due to use of microservices and CDN on public cloud.

Education

Sam Higginbottom University of Agriculture Technology and Sciences

Allahabad, India

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING, CGPA: 8.29/10.0

June 2018