

Dylan Douglas Frost

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Objective and Summary

An experienced IT professional highly-equipped to serve in a variety of developer roles. I want to apply my passion for innovation in the field of Software Engineering with a company focused on growth and long-term achievement.

Skills

- Languages/Frameworks: Python, Django, Java, SQL, UNIX Shell Scripting
- Big Data Tools: Teradata, Apache Hadoop Suite, Oracle Database, DataStage

Experience

Python Backend Engineer

General Motors - Information Security and Risk Management Developer (*November 2017 – Present*)

- Design, develop, and maintain fully automated security assessment processes using Python
- Built a suite of RESTful APIs with Django
- Integrate automation with a multitude of other applications using RESTful APIs

QA Automation Engineer

General Motors - EDW Quality Assurance (*March 2016 – November 2017*)

- Develop and maintain full test automation using Jasmine, Selenium, and Apache JMeter for functional, system, regression, load, and security testing suites in order to eliminate manual testing activities for web portals and RESTful APIs
- Develop data migration utility to allow QA analysts to eliminate manual process of moving large data sets between hadoop environments
- Review, analyze, and ensure the quality of data loaded into database systems such as Teradata and Hadoop/Hive by utilizing SQL alongside GM's suite of data warehousing tools

Solutions Engineer

General Motors – Wintel Build Team (*July 2014 – March 2016*)

- Function in advisory role to project teams for the creation of Technical Architecture Diagrams and aid with bringing projects in-line with enterprise IT standards
- Manage provisioning and configuration of Windows Server 2008 and 2012 VMs and related virtual hardware for production software projects
- Work closely with clients to manage provisioning of virtual machines, databases, load balancers, and other virtual hardware
- Design and implementation of database systems and software interface

Information Services Technician II

Ohio State University (*June 2011 – June 2014*)

- Hardware and software troubleshooting and repair on 500+ computers across OSU's campus
- Creating and maintaining documentation of assets and technical procedures
- Automated a multitude of tasks involved in maintaining and upgrading many of the department's computers

Education

The Ohio State University, Columbus, Ohio (*2009 – 2014*)

Bachelor of Engineering in Electrical and Computer Engineering, Computer Engineering Specialization