JESSICA CLAIRE

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📍 Montgomery Street, San Francisco, CA 94105

SKILLS

- Virtualization: VMWare, KVM, Hyper-V, Docker
- Configuration management: Puppet (novice), Vagrant.
- CI tools: Jenkins, TeamCity
- Clouds: AWS (EC2, RDS, CloudFormation, Route53, S3, IAM), Azure, Google Cloud
- BigData: Hadoop ecosystem (Hortonworks, Cloudera), Hive, HDFS, Ranger, Solr, Hbase, Phoenix, ElasticSearch, Spark, RabbitMQ, Kafka, Cassandra, Presto, Secured clusters.
- Precision farming systems: Topcon, Trimble, Navtronics
- Programming: Python, bash, java (novice), groovy (novice)
- Operating systems: FreeBSD, Linux (Debian-based, RHEL), Mac OS X, Cisco IOS, Windows.
- Hardware: PC, servers: HP, Dell, Intel, networking equipment, Cisco routers (base level): NAT, VPN, IPsec, DHCP, L2 switches, printers, UPS
- Managing experience: 1 year, 3 engineers, IT budget, etc.
- Languages Ukrainian, Russian, English, Polish

EDUCATION

Ukrainian National University Lvivska Politechnika
Lviv, Ukraine • 2006

Master of Science: systems support

Lviv Technical College
Lviv, Ukraine • 2003

Specialist: computer programming

PROFESSIONAL SUMMARY

- Over 10 years of experience in IT DevOps, Hadoop ecosystem (Cloudera, Hortonworks, IBM), analytics environment;
- Hadoop ecosystem experience on Big Data projects (financial services, insurance domain):
    - Managed clusters with 50+ nodes
    - Configured and integrated the security stack to Enterprise Hadoop Ecosystem including Kerberos, Centrify, Ranger, negotiating with ops, while meeting high SLAs
    - Fine tuning of clusters for high performance and stable operation
    - Auditing Cloudera Enterprise Hadoop clusters (security, architecture model, scheduled maintenance, documenting best practices)
    - Developed ETLs with Spark, Hive, Sqoop
- Ops/DevOps support of customer development projects;
- Outstanding software and hardware problem solving skills, team work and communicating skills;
- Future of Data meetup speaker (Philadelphia): Security in Hadoop (Kerberos authentication, authorization);

WORK HISTORY

Paypal - DevOps engineer
Boulder, CO • 09/2014 - 03/2017
Projects:

- US Customer: Developed installer for custom ODBC driver, Hortonworks HDP HA cluster configuration, cluster blueprints, infrastructure deployment automation, custom spark scheduling application integration into customer workflow, IBM Gognos multi tire configuration;
- US Customer: Record preservation system deployment and support.
- International customer: installation of stage (on virtual environment) and production (on hardware servers) environment on customer side, Cassandra cluster configuration, Kafka configuration, Hortonworks HDP HA cluster configuration, configuration of Zabbix monitoring software for HDP components with JMX;
- US Customer: Security auditing platform deployment automation, performance improvement, testing, integrating Apache Spark to existing platform, securing web application with OpenAM, YARN tuning;
- US customer: Development and production Hadoop secured environment deployment, data encryption, authentication and authorization. Data scientist notebook software integration (Jupyter, Rstudio, Zeppelin). Documentation. End-user consulting;

Enterprise Rent-A-Car - IT department manager
Fountain Hills, AZ • Current - Current

- IT department leading;
- IT support staff hiring and training;
- Implementation and support of enterprise transportation control system;
- Department budgeting;
- Implementation of end-user support portal;
- Precision farming training for support engineers;
- 24/7 support availability scheduling;
- Cooperation with suppliers, arranging agreements;

Toro Company - System administrator
Boulder, CO • Current - Current

- End-user support end consulting;
- Network support and maintenance;
- End-to-end IT infrastructure planing for new branches and remote bases;
- Cooperation with hardware, software and service providers;
- Enterprise VoIP system implementation and support;
- Precision farming systems support end maintenance;
- 24/7 support experience;

Radancy - IT-engineer
Hurst, TX • Current - Current

- Enterprise infrastructure support and maintenance;
- End-client IT consulting;
- End-to-end infrastructure solutions development and implementation;
- Network design and installation supervising;

Toro Company - System administrator
Riverside, CA • Current - Current

- Established compatibility with third party software products by developing program for modification and integration;
- Diagnosed and troubleshooted UNIX and Windows processing problems and applied solutions to increase company efficiency;
- Ensured network, system and data availability and integrity through preventative maintenance and upgrades;

Toro Company - System administrator
Sanford, FL • Current - Current

- System support, network maintenance;
- End-user consulting;

Toro Company - System administrator
New York, NY • Current - Current

- Ensured network, system and data availability and integrity through preventative maintenance and upgrades;