Deric Degagne

Lead Software Engineer

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Skills

Python (Experienced)

Big Data Infrastructure (Experienced)

Public Clouds (Skillful)

Infrastructure as Code (IaC) (Experienced)

Automation (Experienced)

Python Command-line Interfaces (Experienced)

Apache Hadoop (Experienced)

Amazon Web Services (AWS) (Experienced)

Terraform (Experienced)

Ansible (Skillful)

Bash (Experienced)

Apache Hadoop Ecosystem (Experienced)

PySpark (Experienced)

Languages

Python (Highly proficient)

PHP (Proficient)

Bash (Proficient)

MySQL (Highly proficient)

Terraform (Highly proficient)

Professional summary

Lead Software Engineer with over 13 years of experience specializes in developing scalable Big Data solutions and robust software architectures. Leveraging a comprehensive skill set including Apache Hadoop ecosystem, Infrastructure as Code practices, and programming in Python. Proven track record of enhancing system performance and security and dedicated to delivering high-quality, innovative solutions that drive business success, with a focus on continuous improvement and strategic problem-solving.

Employment history

Lead Software Engineer, Sun Life

JUN 2023 - PRESENT, WATERLOO, ONTARIO

- Delivering technical leadership for successful project implementation with a focus on risk mitigation and governance.
- Actively participating in design and code reviews, ensuring high-quality software solutions.
- Writing and implementing ETL processes to meet specific business requirements.
- Coordinating 'go-live' activities, executing deployment plans and checklists for seamless software transition.
- Contributing to application system performance, stability, and support in production, including problem resolution and escalation.
- Optimized ETL processes, enhancing data flow and integration, reducing system load times.
- Introduced cloud-based solutions, improving system scalability and performance.

Big Data Platform Engineering Specialist, BlackBerry Limited

MAY 2020 - JUN 2023, WATERLOO, ONTARIO

- Engineered robust Big Data solutions, both on-premise and cloud-based, as a specialist at BlackBerry Limited.
- Leveraged Infrastructure as Code (IaC) technologies, boosting efficiency and precision.
- Innovated and deployed solutions, enriching the Big Data ecosystem.
- Ensured platform security by promptly addressing vulnerabilities in compliance with Cyber Security policies.
- Achieved significant reduction in vulnerabilities through proactive remediation, enhancing overall platform security.
- Drove Big Data innovations, achieving a secure, efficient platform at BlackBerry Limited.
- Analyzed Big Data workflows, enhancing platform reliability and performance.
- Partnered across teams to integrate cutting-edge Big Data technologies, elevating project outcomes.

Languages

Ansible (Proficient)

Links

GitHub

LinkedIn

My Website

Employment history

Service Specialist, BlackBerry Limited

SEP 2013 - MAY 2020,WATERLOO, ONTARIO

- Collaboratively monitored and reported system incidents, liaising with software developers and engineers
- Efficiently resolved global technical issues for Law Enforcement Agencies, showcasing supportive skills
- Conducted meticulous acceptance testing for new applications, ensuring comprehensive bug reporting
- Innovatively designed and coded PHP and Python interfaces for streamlined transactional record retrieval from Apache Hadoop
- Utilized HiveQL and MySQL for data queries, compiling analytical reports to drive strategic decisions
- Led data-driven optimizations, enhancing system performance for critical law enforcement tools.
- Boosted application reliability through rigorous acceptance testing, reducing downtime.

Public Safety Operations Data Analyst, BlackBerry Limited

FEB 2011 - SEP 2013,WATERLOO, ONTARIO

- Led in-depth infrastructure data analysis for precise report generation.
- Facilitated legal request processing and report preparation for Law Enforcement Agencies.
- Ensured data accuracy and completeness through meticulous analysis.
- Crafted and revised policies and procedures, enhancing operational efficiency.
- Provided decisive testimony in criminal proceedings, supporting law enforcement efforts.

Education

COLLEGE DIPLOMA, Fanshawe College

SEP 2004 - APR 2006,LONDON, ONTARIO

Graduated with a cumulative GPA of 3.54 in the Police Foundations program.