

Elijah Juarez

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SUMMARY

Passionate Data DevOps Engineer eager to join Innovative Tech Solutions, focusing on enhancing data pipeline efficiency and optimizing infrastructure for machine learning applications. With over 8 years of experience in building scalable data solutions using tools like Jenkins, Ansible, and Terraform, I've thrived in collaborative environments that bridge teams of software engineers and data scientists. This refined expertise brings real value through improved monitoring processes and reduced deployment times. Committed to continuous improvement, excited to leverage unique skills in designing multitenant Spark and Kafka clusters that drive operational success.

EXPERIENCE

Data DevOps Engineer March 2023 - Present
Tech Innovations Inc. *Palo Alto, CA*

Role encompasses leading efforts to design, implement, and maintain optimized data pipelines for advanced machine learning models and deeply integrating cross-functional team operations.

- Developed and optimized data pipelines for machine learning models, significantly improving processing speed.
- Collaborated with DevOps teams to automate infrastructure setup using Terraform, reducing deployment time.
- Designed multitenant Spark and Kafka clusters, ensuring efficient data handling across projects.
- Enhanced monitoring processes resulted in a marked decrease in pipeline errors.
- Integrated new features into existing systems alongside data scientists, boosting user satisfaction.
- Conducted training sessions for junior engineers, sharing best practices in pipeline management.

Senior Data Engineer June 2019 - February 2023
Data Solutions Group *Sunnyvale, CA*

Managed the development of data processing solutions, supplemented by strong leadership and stakeholder engagements for impactful analytics.

- Led a team in implementing data processing solutions with Apache Spark and Kafka, managing massive datasets effectively.
- Automated ingestion processes using Jenkins, enhancing system reliability and overall performance.
- Developed Python and Scala scripts for data cleaning and transformation, maintaining high-quality standards.
- Worked with stakeholders to identify data needs and provide timely solutions, driving client satisfaction.
- Presented documented project outcomes to senior management, outlining strategies and improving methodologies.
- Mentored junior engineers in data engineering practices, promoting a culture of continuous learning.

Data Engineer January 2017 - May 2019
Cloud Data Systems *San Francisco, CA*

Focused on architecting effective solutions for analytical reporting and launching strategic machine learning initiatives in diverse industries.

- Designed and implemented data architectures that supported analytical reporting and machine learning projects.
- Managed database solutions by selecting suitable technologies based on project requirements.
- Streamlined workflows through partnership with cross-functional teams, improving operational efficiency.
- Optimized existing queries for enhanced performance, significantly improving retrieval times.
- Create dashboards that visualize business metrics, aiding stakeholders in decision-making.
- Executed strict data governance protocols to assure compliance with management standards.

LEADERSHIP & AWARDS

- Recognized as Employee of the Year at Tech Innovations Inc. for exceptional contributions in data pipeline optimization.
- Received 'Innovator Award' from Data Solutions Group for implementing significant automated workflows.

EDUCATION

Bachelor's Degree in Computer Science 2016
University of California, Berkeley GPA: 3.8 *Berkeley, CA*

Coursework: Algorithms, Database Management, Software Engineering, Machine Learning

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) 📅 2026
- AWS Certified Solutions Architect - Associate 📅 2026

TECHNICAL SKILLS

- **Data Processing Tools:** Apache Spark, Apache Kafka, Flink
- **DevOps Automation Tools:** Jenkins, Ansible, Terraform
- **Programming Languages:** Python, Scala, Java
- **Database Technologies:** SQL, NoSQL, MongoDB
- **Cloud Platforms:** AWS, Google Cloud, Azure
- **Monitoring and Alerting:** Grafana, Prometheus, Kibana
- **Version Control Systems:** Git, SVN, Bitbucket
- **Containerization Technologies:** Docker, Kubernetes, OpenShift
- **Data Visualization Tools:** Tableau, Power BI, Looker
- **Collaborative Platforms:** Confluence, Slack, Microsoft Teams

SKILLS

- Data Pipeline Development
- Apache Spark
- Apache Kafka
- Jenkins
- Ansible
- Terraform
- Python
- Scala
- Data Management
- SQL
- NoSQL

PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM), participating in local tech meetups.
- Active contributor to GitHub open-source projects focused on data analytics tools.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST