

Keita Tanaka — MLOps Engineer

Years of Experience: 6
Bachelor's in Computer Science

KEITA TANAKA
MLOps Engineer
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SUMMARY

Versatile MLOps Engineer with six years of hands-on experience building and deploying end-to-end machine learning solutions across cloud platforms. Proven track record in designing scalable ML workflows, automating model pipelines, and ensuring robust monitoring and continuous delivery. Passionate about bridging data science and production engineering to accelerate AI product delivery.

SKILLS

Python ■ TensorFlow ■ PyTorch ■ Kubernetes ■ Docker ■ CI/CD ■ Git ■ AWS ■ GCP ■ Azure ■ MLflow ■ Prometheus ■ REST APIs

EXPERIENCE

- Orchestrated end-to-end ML pipelines using Kubernetes, Helm, and Argo Workflows.
- Implemented CI/CD pipelines with GitHub Actions, Docker, and ArgoCD for seamless model releases.
- Built monitoring dashboards with Prometheus and Grafana, tracking latency, accuracy, and resource usage.
- Automated model packaging with MLflow and integrated deployments into GCP AI Platform for scalable inference.
- Designed and trained supervised and unsupervised models for customer segmentation.
- Optimized hyperparameters with AutoML tools and performed model interpretability analyses.
- Deployed models to AWS SageMaker endpoints, monitoring performance and detecting data drift.
- Developed data ingestion pipelines and ETL processes using Python and SQL.
- Implemented automated unit tests and documentation to maintain data integrity.
- Collaborated with data analysts to refine feature extraction workflows.

EDUCATION

National University of Singapore - Bachelor of Science, Computer Science
Singapore | 2016

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