

- 📞 (480) 370-7697
- 📍 Denver, Colorado
- ✉️ bmurryrumb@gmail.com
- 🌐 bradmurry.com/software

Brad Murry

Software Engineer/Architect

PROFESSIONAL EXPERIENCE

Principal Software Engineer 04/2024 – Present
The Walt Disney Corporation—Orlando, FL

- Lead the design, development, and implementation of stream processing operational layer for insights and enrichment
- Sub-second, stateful insight calculation using Apache Flink
- Guided multiple teams towards high-quality, loosely coupled, modular platform design
- In-house CEP yielding > \$1m in savings annually

Staff Software Engineer 08/2020 – 04/2024
Warner Bros. Discovery—New York, NY

- Lead digital teams to build a modular, event-driven IDP (Internal Developer Platform)
 - Several systems were built within the platform from global scale APIs to configuration driven ETLT data pipelines
- Consistently fostered a cross-organization collaboration model that led to reduced duplication of effort and faster data delivery
- Refactored stream processing platform using Flink driven by configuration, lowering job deployment times to hours from weeks.
- Developed CI/CD framework with integrated chatops to ensure all projects had delivery pipelines with minimal effort

Senior Pipeline Engineer (Contractor) 07/2019 – 08/2020
NBC Universal—New York, NY

- Migrated on-prem tape based media assets to AWS (S3+DDB)
- Automated asset processing (captions, key frame metadata)
- Built event based, global asset delivery service with complex international payout constraints

Principal Software Engineer 10/2017 – 07/2019
BODI—Santa Monica, CA

- Built a suite of high availability APIs for video consumption and session management
- Implemented CEP(complex event processing) resulting in mitigating 1000's of fraudulently shared coach accounts, recovering several million dollars in revenue
- Implemented DevOps contracts for all services to automate CI/CD via chatops
- I reduced AWS bill by \$60k monthly by moving storage from RDS to DynamoDB.

PROFILE

Integral leader with a proven track record for delivering cost-effective, state-of-the-art solutions to meet critical business goals.

Ambitious self-starter who plans, prioritizes, and manages multiple tasks within high-pressure, deadline-driven environments.

SKILLS

- Data Engineering
- Event Oriented Architecture
- Transformation Pipelines (ETL/ELT/EtLT)
- NRT (Near Real Time) Stream Processing
- Model Training Pipelines (ML/AI/RAG/LLM)
- Distributed Systems (Cloud/Hybrid)
- DevOps Focused (IaC, CI/CD)
- HA/DR SRE
- Large Scale/High Throughput Systems

TECH

- Python, Java, JS/TS, C/C++, SQL
- Apache Flink, Spark, Iceberg, Camel
- AWS, OpenStack
- Quarkus
- Tensorflow, Pytorch, Unstructured, Langchain
- JDBC, MongoDB, DDB, Cassandra, Neo4j, Redis
- Elastic/Open Search, SOLR, Lucene
- CDK, Cloudformation, TF

ADDITIONAL EXPERIENCE

Senior Platform Engineer (Contractor)

Berkadia—Phoenix, AZ
Microservices on K8s, Natural Language Processing,
OCR, Long running Async Workflows

02/2017 – 10/2017

Senior Python Developers

AdviNow Medical—Paradise Valley, AZ
APIs over ML models (Tensorflow) ETL to Neo4J for recommendation engine

02/2017 – 10/2017

Senior Software Engineer (Consultancy)

Intraedge Tech Studios—Chandler, AZ
Full stack development, AWS Microservices, ELT (Pyspark) Digital Asset Management
-SOLR/Elastic Search for time series

06/2015 – 02/2017

Senior Software Engineer

Sitewire—Tempe, AZ
Full stack development, Low latency ad bidding pipeline
DLP Dynamic Landing Pages using NLP (Tokenization and NER) to enrich queries for
custom CMS API backed by Elastic Search

05/2012 – 06/2015

Senior Software Engineer

Accu-Systems (no Pillar Machine)—Taylorsville, UT
Cartesian robotics, motion control, IO streams, CAN bus, RS232/484
Deterministic real-time processing on low-level embedded architectures
Sensor integration, 3d geometry interpolation, inverse kinematics

06/2008 – 05/2012

Principal Software Engineer (Personal LLC)

DDG—Fountain Hills, AZ
NLP/Search Integrations, data-driven enterprise manufacturing systems
Realtime data pipelines and stream processing
Custom CAD/CAM integrations and robotics/factory automation software

04/2003 – Present