

TYLER CONRAD

Software Engineer with 12 years of professional experience and a passion for continually expanding applied CS skills. Strong understanding of SDLC with an emphasis on creative problem solving that minimizes complexity while meeting stakeholder requirements. Ability to quickly learn and deploy new tools and technologies.

PROFESSIONAL EXPERIENCE

JUN 2023 | LOYAL HEALTH,
OCT 2023 | Atlanta, GA
Senior Cloud Data Operations Engineer

Supported efforts to create a new machine learning, data science and enterprise reporting platform for realtime HIPAA-compliant data-driven health system decision making. Implemented streaming and batch Apache Spark ELT pipelines on Databricks utilizing Azure, Delta Live Tables, Unity Catalog and Kafka.

MAY 2022 | MY LOGISTICS SOLUTIONS,
SEP 2022 | Minneapolis, MN
Software Development Consultant

Led technical discovery efforts for a sharing economy solution in the moving and storage industries targeting iOS, Android and Web. Worked closely with third-party team in technology infrastructure planning. Gained experience in requirements analysis from visual and written system behavior and working effectively with a remote team.

OCT 2017 | SPRING VENTURE GROUP,
JUL 2021 | Kansas City, MO
Data Engineer

Assisted Data Scientists with cleaning, access and transformation in the design of uniform interfaces for data retrieval tasks used in real-time decision making models. Utilized PySpark, Glue, Lambda, SQS, Kafka, and Step Functions to implement pipelines that loaded datasets into Aurora and Redshift. Improved knowledge of Python, SQL, the AWS cloud ecosystem and building scalable production-grade ETL pipelines.

JAN 2014 | VMLY&R,
OCT 2017 | Kansas City, MO
JavaScript Developer

Developed interactive client-side digital advertising experiences. Worked on portals for Korean Air, Ford Mobility and Sprint. Gained experience in browser-based client-side application development and collaborating with large teams.

NOV 2012 | ESSENTIAL SUCCESS,
NOV 2013 | Kansas City, MO
Software Developer

Joined team developing the 2.0 version of a self-service kiosk and POS system targeting Ubuntu Linux and Android. Implemented solutions for user interaction, networking, database schema design and evolution and hardware device integration. Improved knowledge of Python, SQL, Git and systems design.

AWARDS

EAGLE SCOUT | Nov 2003
Boy Scout Troop 242

Eagle Scout project consisted of managing the resource acquisition and construction of an NHPA regulation horseshoe court at local park. Gained leadership and team guidance experience.

LANGUAGES AND TOOLS

C	• •	Spark	• • • •
Dart	• • • •	Azure	• • • •
JavaScript	• • • •	Flutter	• • • •
Java	• •	Rust	• •
Scala	• •	macOS	• •
Python	• • • •	Git	• • • •
SQL	• • •	Linux	• • •
AWS	• • •	Docker	• • •

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REFERENCES

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AYMAN SULAIMAN | *Data Operations Engineer*
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Los Angeles, CA
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SPENCER SMITH | *Engineering Manager*
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Kansas City, MO
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DAVID FOSTER | *Owner*
FOSTER AND ASSOCIATES
Springfield, MO
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EDUCATION

SUMMER 2011 | BACHELOR OF SCIENCE
Computer Science
University of Missouri,
Kansas City, MO

FALL 2007 | ASSOCIATE'S DEGREE
Computer Science
Missouri State University
Springfield, MO

COURSES

Technical Writing
Database Design and Validation
Software Engineering
Data Structures and Algorithms
Discrete Structures
Elementary Statistics
Applied Probability