

# KYLE STAUB

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[github.com/kstaub](https://github.com/kstaub)

I am a back-end distributed systems engineer with broad experience in managing production-grade, real-time, operations-critical software. I am an engaged, collaborative team member, with a learning mindset and a positive attitude. I aim to contribute to data-driven solutions to problems, big or small.

## EXPERIENCE

- 02/18 – Present

**Software Developer II**  
FedEx Services

Design and implement operations-critical software, and modernize existing applications toward service-oriented and cloud-native architectures while improving reliability, extensibility and scalability of FedEx Express operational systems

Enhance and maintain a distributed streaming data pipeline to provide real-time operational messaging and visibility for FedEx Express operations

Design and implement continuous integration and delivery automation to increase productivity, auditing capabilities, and speed to market as a member of an agile software development team
- 03/16 – 01/18

**Constituent Advocate & Intern Program Coordinator**  
U.S. Senator Michael F. Bennet

Design data cleansing protocols and quality assurance metrics to improve analytic capability of internal case reports within the office's business process management system

Advocate for Coloradans through congressional inquiry, information provision, and recording democratic outreach

Hire, train, manage interns and internship program

## EDUCATION

- 01/19 – Present

**Master of Liberal Arts in Data Science**  
Harvard Extension School  
*Expected graduation date: December 2022*
- 08/10 – 05/14

**Bachelor of Arts in Philosophy**  
University of Colorado Boulder  
*summa cum laude*

## TECHNICAL EXPERTISE

- ▽ Java, Python, Javascript
- ▽ Git, Linux, Docker
- ▽ Bash, Groovy
- ▽ Kafka, Tomcat, Angular
- ▽ Hadoop, RDBMS, NoSQL
- ▽ Cloud platforms, on premise

## ENGINEERING SKILLS

- ▽ Distributed, back-end, real-time
- ▽ Business oriented design
- ▽ Data science, data pipelining
- ▽ 24/7 production operations
- ▽ Metrics, monitoring, performance analysis
- ▽ Clean, elegant, iterative code

## SOFT SKILLS

- ▽ Logic, analysis, critical thinking
- ▽ Patient communication
- ▽ Technical documentation
- ▽ Knowledge sharing and teaching
- ▽ Prioritization, planning

## INTERESTS

- ▽ Real-time data processing
- ▽ Event-driven machine learning
- ▽ Task automation and productivity
- ▽ Software's utility in promoting public welfare and common good
- ▽ Political philosophy; the information age and democratic institutions
- ▽ Ethics; data privacy, misinformation, and proper application of artificial intelligence
- ▽ Meditation, reading, writing, running, snowshoeing, music, games