SHAWN BECKER

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MACHINE LEARNING / DATA ENGINEERING / DATA ARCHITECTURE

As a senior data engineer with growing machine learning expertise, I aim to apply my extensive data management skills to the rising field of ML and MLOps. My background includes creating scalable, secure data pipelines and robust infrastructures across industries like entertainment, healthcare, finance, and manufacturing. Leveraging AWS-based solutions, I excel in problem-solving and cross-functional collaboration, using Agile methods to deliver working increments of well-architected solutions that satisfy product stakeholders. My goal is to contribute to innovative projects combining traditional data engineering with advanced machine learning operations, to share the excitement of working with cutting-edge technologies that provide real-world value.

WORK EXPERIENCE

Fannie Mae / Risk Works Analysis Data Lake; Remote   **(Mar 2024 – Jun 2024)**
Senior Data Engineer

- Documented processes to build, test, and deploy data pipeline components for in-house ETL framework.
- Extensive work with SQL, AWS Redshift, Glue, S3, IAM, Lambda, REST, Postman, SNS, and dbt.
- Utilized Agile practices with Jira, including backlog refinements, sprint planning, daily scrums, bi-weekly sprint reviews, and end-of-sprint retrospectives. Enabled the product owner to review each shipped product increment, allowing for potential revision or re-prioritization of backlog items.

EDUCATION

Massachusetts Institute of Technology, Cambridge, Massachusetts,
PhD, Media Arts & Sciences, Machine Vision/Video Coding

Brigham Young University, Provo, Utah,
MS, Computer Science, Medical Imaging/Computer Graphics

Brigham Young University, Provo, Utah,
BS, Design Engineering Technology, CAD/CAE/CAM