

*Results-driven data engineer adept at crafting efficient data pipelines and infrastructure.*

## Work Experience

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<b>Data Engineer II</b>	<b>ShiftKey</b>	<b>June 2023 - Present</b>
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*ShiftKey is the largest marketplace for healthcare professionals with facilities using technology*

*Remote*

- Lead the transformation efforts and maintenance on a dbt project with 1200+ models per environment, utilizing best practices to produce efficient pipelines in conjunction with Fivetran and python
- Spearhead migration from MySQL replication to an event-driven architecture leveraging Apache Kafka, resulting in an 80% reduction in data latency
- Administer a Snowflake instance (RBAC, masking, monitoring) as well as oversee performance and cost optimization efforts, successfully reducing overall Snowflake spend by 20% while increasing data accessibility
- Build and deploy docker containers to AWS (EC2, Fargate, Lambda) to enable data science inferencing, machine learning workloads, and both internal and external API endpoints
- Implement scalable infrastructure using Bitbucket pipelines, Airflow, and AWS Lambda to enable CI/CD best practices across a team of eight data engineers, including linting, QA environments, and automated testing

<b>Senior Business Intelligence Analyst</b>	<b>ShiftKey</b>	<b>July 2022 – June 2023</b>
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- Led a complete overhaul of the company-wide Looker instance and LookML, reducing ad-hoc requests by 60%
- Automated business processes to free upwards of 400+ man hours per month across key business units
- Catered to supporting the C-suite in major decision making across business expansion and segmentation

<b>Business Intelligence Analyst</b>	<b>Amherst Residential</b>	<b>June 2021 – July 2022</b>
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<b>Business Intelligence Intern</b>		<b>June 2020 – August 2020</b>
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*Amherst is a vertically integrated RE private equity firm with over \$16B in AUM*

*Remote*

- Sourced, transformed, and queried disparate data across a MS stack via SSIS, SSRS, SSMS
- Leveraged python, scikit-learn, and XGboost to generate analyses and ML models for visualization via Tableau

## Education and Certifications

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| • <b>B.B.A. with High Honors in Finance</b> , University of Texas at Austin (GPA: 3.97) | <b>2018 – 2021</b> |
| • <b>AWS Certified Cloud Practitioner</b>   | <b>2024</b>        |

## Technologies and Languages

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- **Languages:** Python, SQL, LookML, CSS, HTML
  - **Technologies:** Snowflake, AWS, dbt, Git, Looker, Docker, Airflow, Kafka, Fivetran, Terraform

## Projects

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**“National Day of...” Zoom Background Changer**

[GitHub](#)

- Cross-platform automation application to set one’s Zoom background as the “National Day of...”

**AWS Serverless Stack**, Terraform (IaC), Lambda, DynamoDB

[GitHub](#)

## Additional Information

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- **Interests:** Climbing, Whitewater Kayaking, Restoring Vintage Motorcycles, Guitar
  - **Work Eligibility:** Eligible to work in the U.S. with no restrictions