

Trever Abelborn

LEAD SOFTWARE ENGINEER

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I am an engineer with a passion for delivering efficient products that create the most value for users and the business. Experienced in building service-oriented architectures, sustainable and scalable systems in the cloud, and leading projects with an Agile mindset.

SKILLS

Languages – Python, Java, C#, Kotlin, Scala, Javascript, Typescript, HTML/CSS, SQL

Frameworks & Tools – Docker, Django, Flask, React, .NET, Tableau, Spark (Scala, Pyspark), AWS, Databricks, Git, Airflow, Angular, NodeJS, .NET Entity Framework

PROFESSIONAL EXPERIENCE

Software Engineer II @ Indeed

SEPTEMBER 2022 - PRESENT | AUSTIN, TX

- Led and delivered a migration of ~100 Spark ETL jobs from on-premise to the data lake in AWS, developing automation in Python and Terraform, and leading the cross-team collaboration between software engineers and data engineers.
- Led feature development for a Python and React app to enable multi-site group management in Tableau, unblocking 150K in license cost savings.
- Identified and delivered cloud cost savings by auditing idle EMR clusters to reduce cloud spend by ~35K per month, and coaching other engineers in gathering requirements for cloud savings initiatives.

Algebra & Geometry Teacher @ St. Paul Public Schools

OCTOBER 2020 - JUNE 2022 | ST. PAUL, MN

Software Engineer II @ Expedia Group

JUNE 2019 - AUGUST 2020 | SEATTLE, WA

- Drove an initiative to build a CI/CD platform using AWS, Jenkins, and Gradle, for both Python and Scala algorithms with execution in Databricks, adopted by a team of 20+ data scientists.
- Developed and maintained a suite of applications to support a team of data scientists using various technologies including Java, Kotlin, Scala, Python, Airflow, SQL, Javascript, TypeScript, and React. Mentored junior team members within an agile team development process.

Associate Software Consultant @ Pariveda Solutions

MARCH 2016 - JUNE 2019 | SEATTLE, WA

- Delivered a highly scalable hotel bidding pipeline, written with Kotlin, Scala, and Spark, sending over 100 million bids a day. Led the collaboration between Google and Expedia team members.
- Assisted development of a React web application to allow 100+ hotel managers to manage their listings on Expedia. Supported continuous deployment with tests written in Jest.
- Continuously improved and delivered an internal resource management platform for a large-scale building materials manufacturer written with AngularJS, C#, and PostgreSQL. Also re-architected their AWS infrastructure using the AWS Well-Architected Framework.
- Built a customer-facing UI with NodeJS, TypeScript, Angular 2, and SCSS that was integrated into toyota.com as part of a pilot program. Developed code using TDD and built a large suite of automated tests.

EDUCATION

Data Science and Analytics Certificate @ UW Madison

NOVEMBER 2021 - SEPTEMBER 2022

- Training program led by industry experts. Twelve hours of instruction per week over nine months.
- Activities and projects completed with Google Colab, Python, and Tableau.

Bachelors of Science in Mathematics @ UW La Crosse

SEPTEMBER 2009 - DECEMBER 2014

- Minors in Computer Science and Philosophy