

Trever Abelborn

FULL-STACK ENGINEER

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Software engineer with a history of delivering solutions using Agile, and with a focus on creating value for users and the business. Experienced in building performant web applications, data pipelines, and sustainable and scalable systems in the cloud.

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 | REMOTE

- Led engineering and product development for a cost attribution solution to attribute shared infrastructure costs across Indeed using internal data tools and Spark.
- Led the migration of ~100 Spark jobs from on-prem to AWS, developing automation in Python and Terraform, and leading cross-team collaboration between software and data engineers.
- Led the development of a Python and React app to enable multi-site group management via the Tableau API, unblocking 150K in license cost savings.
- Identified and delivered AWS cost savings by auditing idle EMR clusters, reducing cloud spend by ~35K per month.

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 scalable Google Ads bidding pipeline, via an API in Kotlin, and ETL jobs in Spark to send millions of bids per 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, completing projects in Google Colab, Python, and Tableau.

Bachelors of Science in Mathematics @ UW La Crosse

SEPTEMBER 2009 - DECEMBER 2014

- Minors in Computer Science and Philosophy