Jared Wasserman

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SKILLS

LANGUAGES

- C#
- C++
- Java
- JavaScript
- LaTeX
- Lua
- MATLAB
- Node.js
- Python
- Scala
- Spring Boot
- SQL

DATA STREAMING

- Amazon SQS and SNS
- Apache Beam
- Apache Flink
- Apache Kafka
- Apache Pulsar
- Apache Spark
- Azure Data Factory
- Google Pub/Sub

DATABASES

- Amazon Redshift
- Cassandra
- Elasticsearch
- Google BigQuery
- MySQL
- Oracle Database

DEVOPS

- Ansible
- Argo CD
- Docker
- Helm
- Jenkins
- Kubernetes
- Terraform

EXPERIENCE

BLIZZARD ENTERTAINMENT — Blizzard Data Platform
Senior Software Engineer I — Feb 2022 – Present | Irvine, CA
Software Engineer — Feb 2020 – Feb 2022 | Irvine, CA

- Programmed big data pipeline components using Apache Flink and Apache Beam.
- Fixed bugs and wrote features in C++ for a World of Warcraft party matchmaking system.
- Relational and non-relational data modeling, including MySQL and Elasticsearch.
- Led a presentation to over 100 engineers on telemetry and big data pipeline architecture.
- Helped design and implement a self-service access management tool using Spring Boot.
- Utilized Docker, Kubernetes, and Helm for containerized application deployments.

MICROSOFT — Teams Telemetry
Software Engineer II — Jan 2019 – Jan 2020 | Bellevue, WA

- Coded logic for metrics processing jobs using Apache Spark on Azure Databricks.
- Worked on batch processing systems written with Apache Hadoop and Apache Oozie.
- Ported Teams performance calculations from a JavaScript solution to Apache Spark.

AMAZON — Advertising Analytics
Software Development Engineer I — Nov 2016 – Dec 2018 | Seattle, WA

- Contributed Java code to a system for Elasticsearch data ingestion and extraction.
- Crafted Redshift queries for automated ETL operations and ad-hoc data investigations.
- Designed a system to automatically analyze generated Excel reports for data defects.

MATHWORKS — Computer Science Development Group
Associate Software Engineer — Sep 2015 – Oct 2016 | Natick, MA

- Designed and implemented the 3D image resize MATLAB function `imresize3`.
- Added MATLAB code to Gaussian process regression functions in the Statistics Toolbox.
- Worked with customers and engineers to investigate and resolve technical questions.

EDUCATION

UCF — College of Engineering and Computer Science
BS in Computer Science and Minor in Math — Aug 2011 – May 2015 | Orlando, FL

- Earned a 4.0/4.0 GPA and graduated summa cum laude.
- Member of the Burnett Honors College.

OPEN SOURCE

CONTRIBUTIONS TO PROJECTS
Java gRPC Implementation — github.com/grpc/grpc-java

- Created an issue to observe the provided Netty allocator type by default (issue 10292).

Amundsen — github.com/amundsen-io/amundsen

- Added support for Elasticsearch 7 and enhanced Elasticsearch field support (PR 1648).

PERSONAL PROJECTS
Web Games — github.com/jaredbwasserman/web-games

- Contains a lobby system and multiplayer games written using Phaser and Socket.IO.
- The web server is implemented with a Node.js backend and a JavaScript frontend.

Drift — github.com/jaredbwasserman/drift

- World of Warcraft Lua addon with over 50,000 downloads to enable moving UI frames.
- Fixed numerous user reported bugs and added numerous user requested features.