

Zameer Manji

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About Me

I'm seeking a Software Engineering position involving backend or infrastructure systems. I'm passionate about immutable, reliable, automated infrastructure that scales with organizational needs.

Work Experience

Uber - Map Services

Sr Software Engineer

San Francisco, CA

July 2017 - Present

- Assisted in scaling out data loading tooling to ensure data freshness.

Uber - Compute Infrastructure

Software Engineer II

San Francisco, CA

July 2016 - July 2017

- Assisted in bringing up multiple Mesos and Aurora zones to overhaul compute infrastructure.
- Worked on integrating an existing deploy system with new infrastructure.
- Worked with more Junior and Senior team members to improve reliability and operability of new clusters.
- Contributed experience and expertise to designs of new infrastructure across compute and routing.

Twitter

Software Engineer II

San Francisco, CA

September 2015 - May 2016

- Contributed to internal deploy system to allow users to deploy to multiple Apache Aurora zones.
- Independently worked on reducing technical debt on task specific observability tooling.
- Collaborated with many engineers at Twitter to improve internal Python build hygiene.

Twitter

Software Engineer I

San Francisco, CA

August 2014 - August 2015

- Contributed usability fixes to the Apache Aurora command line client.
- Created an analytics pipeline to gain better understanding of cluster utilization and allocation.
- Worked with operators to increase overall reliability of compute cluster.

Twitter

Intern

San Francisco, CA

September 2013 - December 2013

- Improved Aurora preemption to terminate multiple low priority tasks in favor of high priority tasks.
- Enhanced scheduling algorithm to penalize short lived tasks to reduce wasted scheduling attempts.

Twitter

Intern

San Francisco, CA

January 2013 - April 2013

- Designed and implemented a stream filtering system on top of Apache Kafka to reduce stream size.
 - Created a DSL for operators to filter streams of arbitrary Thrift messages.
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Education

University of Waterloo

Bachelor of Software Engineering

Waterloo, ON

September 2009 - June 2014

- Related Coursework: Compilers, Programming Languages, Operating Systems, Distributed Systems.
 - Created a compiler for a subset of Java 1.3 for the x86 architecture for compilers course.
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Keywords

Languages: Prefer: Python, Scala **Have Used:** Java, Ruby, C++, JavaScript, **Want To Use:** Rust
Systems: Apache Aurora, Apache Mesos, Docker, Private Cloud