

Mehdi Massoudi

Software Engineer

/ PROFILE

Hello! I'm Mehdi Massoudi. I'm a developer and data enthusiast. My passion is for building HA systems that stream massive amounts of data. I loved Kafka before it was mainstream.

/ RELEVANT EXPERIENCE

Founder and Director of Technology 2016-2019



BitBrew, Inc. / Ann Arbor, MI

- BitBrew is a PaaS for connected vehicle data. The platform streams millions of data points to enterprise applications every day.
- Founded BitBrew to provide intuitive vehicle data to customers
- Directed and mentored team members with:
 - Scala development
 - Distributed systems
 - Connected vehicle domain
- Created a fast-data pipeline to reliably deliver data from embedded devices to business applications
- Spearheaded a containerized, reactive, event sourced, micro-service PaaS using Domain Driven Design
- Tested and iterated on the pipeline implementation to achieve targets for throughput and scalability
- Integrated multiple embedded devices to provide data to businesses
- Reduced costs and increased operational stability by migrating from AWS to Kubernetes on Google Cloud; with a zero downtime migration
- Navigated multiple stakeholders and priorities

Developer / Application Engineer 2014-2016

DANLAW Danlaw, Inc. / Novi, MI

- Danlaw is an automotive electronics manufacturer that provides engineering products and services for connected vehicles.
- Developed front-end web application for Danlaw OBD-II devices with near real-time backend
- Cultivated agile processes for development

Telematics Engineer 20011-2014

DELPHI Delphi / Troy, MI

- Delphi is an automotive manufacturer that provides engineering products and services for connected vehicles.
- Lead development and integration for a connected vehicle device and server system

/ EDUCATION / TALKS

University of Michigan

Ann Arbor, MI
2011

Bachelor of Science
Computer Science

Cars in the Cloud

Wayne State, Big Data Symposium
2017

Connected Vehicle Platform

Ann Arbor Spark, CEO Podcast
2016



/ CONTACT

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/ SKILLS

Professional:

- Critical thinking
- Direct and clear communication
- Listening and empathy
- Teamwork

Technical:

- Git / Github
- Scala (OO and FN) and more
- GCP, AWS, Kubernetes
- Akka and Akka Streams
- JVM and related tools
- Editors (Intellij, Vim etc.)
- Apache projects (Kafka, Cassandra, etc.)
- PM tools (Jira, Pivotal, etc.)

/ GIT ACTIVITY

Code Review

Detailed feedback / 63%

Pull Requests

Code, tests, docs / 37%

/ REFERENCE

Ben Mills

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Jessica Sinnott

Product Manager
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