

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 2011-2014

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

University of Michigan

Ann Arbor, MI
2011

Bachelor of Science
Computer Science

/ TALKS

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

DevOps Engineer

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Jessica Sinnott

Product Manager

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