Brenden Matthews

CONTACT
INFORMATION

Phone: *contact me*   Email: brenden@brndn.io

PUBLISHED
WORKS

Code Like a Pro in Rust, to be published by Manning Publications, estimated early 2023.

PUBLIC
SPEAKING

Have given numerous talks on my work at conferences and private engagements, including but not limited to **All Things Open**, **QCon**, **LinuxCon**, **ContainerCon**, **MesosCon**, and more.

PROFESSIONAL
EXPERIENCE

Multiple Companies, USA

Founder, CEO   **April 2019 – present**

Founded multiple small software startups in different sectors. Mostly SaaS, self-service and either pay-as-you-go or subscription based.

Braze, Inc., New York, NY

Engineering   **Oct 2018 – April 2019**

Building infrastructure with Kubernetes.

Citadel LLC, New York, NY

Engineering   **Oct 2017 – Jun 2018**

Joined the platform engineering group as part of the data engineering team to build out Citadel's data platform technology. Primarily working with tools that integrate on-prem and cloud (AWS and GCE) data infrastructure.

Mesosphere, Inc., San Francisco, CA

Solutions   **Jan 2015 – Feb 2017**

Early Mesosphere employee, was an integral part of founding the company. Worked on multiple customer engagements, acting in both pre-sales and post-sales positions.

- Built cloud migration plans for enterprise customers
- Lead and lectured week-long in-depth onsite training sessions
- Advising senior management on container technologies
- Lectured and gave talks at several meetups and conferences
- Contributed to various engineering efforts
- Published several original blog posts
- Built and maintained marathon-lb, the canonical load balancing and service discovery tool for Marathon and DC/OS
- Customers were primarily enterprise users, including financial, telecom, and tech companies

Airbnb, Inc., San Francisco, CA

Engineering   **Feb 2013 – Jan 2015**

Early employee at Airbnb. Joined the Data Infrastructure team to help Airbnb scale to support the massive growth of the company, and meet the company's needs for managing a large, growing data warehouse. Worked directly with teams all across the company to help meet their data needs, and build out a rich set of data tooling.

- Built next generation of data infrastructure utilizing open source tools such as Mesos, Hadoop, HDFS, Chronos, and Storm

- Contributed code to several projects, including: Mesos, Hadoop, Storm, Spark, Presto, Chronos, Marathon, and others

Newfield Wireless, Inc., Berkeley, CA

Engineering   **Sept 2009 – Nov 2012**

Leveraged 3GPP layer 3 expertise to build a UMTS network data parser and indexer. Designed and implemented the first suite of real-time 3GPP LTE capture/parsing tools.

- Created a customized database solution with integrated flexible query language for accessing millions of streaming records in real time.
- Designed and implemented asynchronous communication library with feature set similar to ZeroMQ, with C++ and Python interfaces.
- Designed and implemented a reporting library for generating key performance indicators from vast quantities of raw data, leveraging previously mentioned customized database.
- Introduced new development and debugging methodologies to the team which significantly improved the pace of development and quality of deliverables.
- Assisted junior and senior developers on all aspects of software engineering.
- Oversaw design and implementation of schema-based XML software specifications.

Real Time Measurements, Inc., Calgary, AB

Engineering   **2003 – 2009**

- Developed end user applications, web services, and embedded software.
- Involved in strategic planning, performance and productivity improvement, organizational design, e-commerce, new media and Internet promotion.
- Planned, participated, and coordinated team building exercises while demonstrating strong leadership skills.
- Configured and managed servers, automated backup systems, and provided support for customers as well as in-house support.
- Leveraged new technologies to enhance our product-to-customer experience in a timely and cost effective fashion.
- Implemented cost reduction IT strategy to make use of existing infrastructure instead of requiring further equipment purchases.

PROGRAMMING
EXPERIENCE

Languages: Rust, C, C++, Python, Ruby, Bash, Go, Rust, Java, Scala, Kotlin, LaTeX
Data Technology: Kafka, Cassandra, Redis, PostgreSQL, ElasticSearch/Lucene, MySQL, Hadoop, Hive, Presto, RedShift, BigQuery, SQS, EMR, RDS