

# Richard Stoneback

*Desktop, Web, and Mobile app developer*

[rwstoneback.github.io](https://rwstoneback.github.io)

[linkedin.com/in/richardstoneback](https://linkedin.com/in/richardstoneback)

Essex, Vermont

[rwstoneback@gmail.com](mailto:rwstoneback@gmail.com)

(610) 470-6653

## WORK EXPERIENCE

### **Software Engineer II, Dealer.com (Cox Automotive) - 2019 to present - Burlington, VT**

- Work on a team that develops and maintains a streaming pipeline for collection of car website user interaction data, which is used by thousands of websites, including Autotrader and KBB.
- Converted Elastic Beanstalk applications to Kafka streaming jobs.
- Implemented Terraform to implement our Kubernetes system, resources for our Kafka cluster, as well as analytics dashboards and alerts.

### **Staff Software Engineer, LORD Sensing - 2008 to 2019 - Williston, VT**

- Lead developer on [MSCL](#), an open source, cross-platform library that makes it simple to communicate with LORD sensors. Written in C++ and wrapped for Python and .NET. Includes NaturalDocs documentation, and Boost unit tests. Provided customer support for both internal and external users.
- Product owner and full-stack developer on [SensorConnect](#), the main PC software for all of LORD's sensors. Utilizes Chromium Embedded, allowing for a modern UI using HTML, CSS, JavaScript, and WebGL, while maintaining a fast, efficient C++ backend.
- Developed a prototype Android app to collect data from Bluetooth sensors, and push to SensorCloud using a REST API.
- Designed and developed the [sensorcloud.com](https://sensorcloud.com) website.

## EDUCATION

### **B.S. in Game Programming, Champlain College - 2010 - Burlington, VT**

- 3.88 GPA - Magna Cum Laude

## TECHNICAL SKILLS / TOOLS

- C++, JavaScript, HTML, CSS
- Python, C#, Java, Scala, SQL
- AWS, Kubernetes, Kafka, Docker
- Terraform, Jenkins, Git/SVN
- Android, Unity, Unreal Engine, Bluetooth development