

Joy Baker

## Bobby Baker

Microservices Engineer

Global,

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English

## BACKGROUND

### ABOUT

A Senior Software Engineer with over 10 years of engineering experience and 5 years of experience in the development and architecture of cloud based solutions. A versatile engineer with expertise in cross-platform products, security protocols, and efficient data solutions. Accomplished in leading teams to deliver solid systems and applying best practices in software development.

### WORK EXPERIENCE

#### Microservices Engineer, [ETCH](#)

Sep, 2021 - Present

Microservices Architecture / Development

- Architected and developed event based cloud solutions to provide secure APIs and real time data solutions in the transportation industry.

#### Blockchain Hackathon -2nd Place Winner ,

Jun, 2021 - Jul, 2021 16 days

IBC Challenge: Build a blockchain application that utilizes IBC, or build a novel use case for the IBC protocol.

- Built in Go, this project is designed to demonstrate the use of IBC between different zones in the Cosmos ecosystem for privacy preserving credential management.
- <https://github.com/whalelephant/CertX>

#### Mobile Engineer, [X-Team](#) - RIOT GAMES

Dec, 2020 - Dec, 2021 1 year

Swift / Kotlin

- Converted Android / iOS to KMM Shared Libraries.
- Fixed legacy iOS issues.
- SwiftUI development.
- Fixed legacy Android issues.

#### Microservices Engineer - Fox Broadcasting, [X-Team](#)

Sep, 2018 - Oct, 2020 2 years 1 month

Go / Node Microservices Development

- Developed Microservices in Node.js and GoLang in AWS to serve low-latency streaming to platforms such as web and native devices.
- Responsible for migrating Node.js Microservices to GoLang.

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**Software Journeyman / Microservices Engineer**, [Pillar Technology](#) - [Honda Automotive](#)

Mar, 2018 - Sep, 2018      6 months

Extreme Programming

- Architected and developed a Big Data platform to advance data science and improve deep learning algorithms.
- Built with AWS and Hadoop, developed ETL (Extract, Transform, And Load) solutions to extract vehicle data to be loaded into Virtual Machines.
- Built with AWS and Jupiter notebook. developed solutions to allow Data Scientists to analysis on vehicle data to glean incites on driver activity.

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**Software Journeyman / Microservices Engineer**, [Pillar Technology](#) - [Ford Automotive](#) / [Columbus Collaboratory](#)

Oct, 2016 - Sep, 2018      1 year 10 months

Extreme Programming

- Developed applications and provided agile consulting on an embedded software project in the automotive industry.
- Developed a cyber security solution, using advanced analytics to aggregate and identify malicious threats and vulnerabilities.

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**Senior Developer, IT Applications**, [Nationwide Insurance](#)

Aug, 2014 - Oct, 2016      2 years 2 months

J2EE, customer-facing web applications

- Tech Lead / Mentor
- Java / Spring MVC

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**GIS Analyst and Software Developer**, [Stantec](#)

Apr, 2012 - Aug, 2014      2 years 4 months

GIS Development and Analytical Cartography

- Interactive Mapping Applications and Add-ons
- FEMA floodplain mapping
- Cartography

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**GIS Specialist**, [The Ohio Department of Natural Resources](#)

Jan, 2008 - Apr, 2012      4 years 3 months

GIS Analyst

- Groundwater Resource Mapping

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**SKILLS**

**Native Development**

Flutter   ReactNative   Android   iOS

**API Development**

Golang   Python   NodeJS

**MEAN**

Mongo   Express   Angular 1/2   Node

**J2EE**

WebSphere   Java   JSP   Gradle   Maven   Groovy   Spring MVC

**Microservices**

Vert.x   AWS   LINKERD   Nginx   Serverless.io

**Big Data**

Hadoop   HBASE   SPARK

**Dev Ops**



Jenkins

AWS

Docker

Appcenter

## EDUCATION

**Geographic Information Systems and Analytical Cartography, Bachelor of Science,** The Ohio State University

Aug, 2006 - Jun, 2011

## INTERESTS

### Free Diving

Wave3

35 meters PB

### Kayaking

Fishing

Extreme

Leisure

### Hiking

Backpacking

### Photography

Sony Alpha

