

Joy Baker

## Bobby Baker

Microservices Engineer

Global,

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<http://bobbybakes.github.io/>

English

## BACKGROUND

### ABOUT

A Senior Software Engineer with over 10 years of experience with 5 years experience in the development and architecture of microservices. 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

#### 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

Dec, 2020 - Apr, 2022 1 year 4 months

Swift / Kotlin

- Converting Android / iOS to KMM Shared Libraries.
- Fixing legacy iOS issues.
- SwiftUI development.
- Fixing legacy Android issues.

#### Microservices Engineer, ETCH

Sep, 2018 - Present

Microservices Architecture / Development

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

#### Microservices Engineer, X-Team

Sep, 2018 - Oct, 2020 2 years 1 month

Go / Node Microservices Development

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

### Software Journeyman / Microservices Engineer , [Pillar Technology](#)

Oct, 2016 - Sep, 2018 1 year 10 months

#### Extreme Programming

- Architected and developed a Big Data platform to advance data science within the automotive industry. Built with AWS and Hadoop.
- Developed internal iOS applications for clerical tasks.
- Developed Android and Embedded devices in the automotive industry.
- Developed a cyber security solution, using advanced analytics to aggregate and identify malicious threats and vulnerabilities.
- Developed applications and provided agile consulting on an embedded software project in the automotive industry.

### 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

### 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

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

Jan, 2008 - Apr, 2012 4 years 3 months

#### GIS Analyst

- Groundwater Resource Mapping

## 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, 2004 - Jun, 2011

INTERESTS

Free Diving

- Wave3
- 35 meters PB

Kayaking

- Fishing
- Extreme
- Leisure

Hiking

- Backpacking

Photography

- Sony Alpha

