Bobby Baker

Microservices Engineer

Global,

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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

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

Dec, 2020 - Present

Swift / Kotlin

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

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, 2006 - Jun, 2011

INTERESTS

Free Diving

Wave3   35 meters PB

Kayaking

Fishing   Extreme   Leisure

Hiking

Backpacking

Photography

Sony Alpha