ANDY HORNER

SOFTWARE ENGINEER

DEVELOPER ADVOCATE

PROBLEM SOLVER

CONTACT

567-674-6024

RECRUITING@HORNER.CODES

RECORDINGS OF PAST PRESENTATIONS AVAILABLE UPON REQUEST

CODE SAMPLES AND OPEN SOURCE CONTRIBUTIONS CAN BE FOUND AT

ANDY.HORNER.CODES

PROFILE

Andy is an intelligent, dependable, and detail-oriented software developer who consistently reaches above and beyond defined goals. He always seeks to improve his team's developer experience by reducing toil and repetitive tasks.

EXPERIENCE

SENIOR SOFTWARE ENGINEER

USA TODAY NETWORK | JUNE 2015 - PRESENT

- Designed and developed an Android news platform using flexible techniques to deploy a full-featured application within hours
- Created an automated deployment process for building and publishing Android applications to the Google Play Store
- Built and scaled the Android news platform to 58 applications
- Migrated Android platform's Java codebase to Kotlin
- Integrated several APIs and mobile SDKs to the Android platform
- Founding member and contributor to the Content API - A GraphQL interface built with Golang that powers the USA TODAY Network
- Saved significant developer time by reducing CI/CD build duration while increasing test coverage with a comprehensive Jenkins pipeline

SOFTWARE ENGINEER CONSULTANT

VARIOUS | OCTOBER 2014 - PRESENT

- Improved business efficiency and cost savings by architecting systems to automate a significant portion of everyday tasks
- Designed, developed, and maintained systems for managing intake of work, contractor assignment, and report generation

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE

BOWLING GREEN STATE UNIVERSITY | 2011 - 2015

TECHNICAL SKILLS

- Distributed systems
- GCP/AWS cloud providers
- Docker/Kubernetes/Helm
- Golang development
- Node.js/React.js
- Java/Kotlin Android development
- Terraform
- Jenkins CI/CD and Groovy
- CDN development (Fastly)
- API gateway development
- Test automation
- Monitoring and analytics

PERSONAL PROJECTS

IOT DEADBOLT LOCK

- Designed, 3D modeled, and 3D printed a deadbolt mount powered by an ESP32 microcontroller and a servo to automate door locks
- Developed a C++ firmware for controlling the lock via Wi-Fi with future plans for Bluetooth proximity support via smartphone