

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

I am an intelligent, dependable, and detail-oriented software engineer who consistently reaches above and beyond defined goals. I regularly seek to improve my 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 release a full-featured application within hours
- Created an automated deployment process for building, testing, and publishing 58 Android applications to the Google Play Store
- Founding member and contributor to the Content API - A GraphQL interface built with Golang that powers the USA TODAY Network
- Implemented Elasticsearch indexing and querying which drives the entirety of the USA TODAY Network's site search and CMS
- Developed a custom adapter to expose Elastic aggregations via GraphQL
- Monitored self-hosted Elasticsearch clusters for performance while tuning cluster resources and optimizing horizontal and vertical scaling
- 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
- Implemented K-means clustering and optimized the Traveling Salesman Problem to efficiently route contractors to jobs, saving time and money

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
- App performance monitoring

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

JON SNOW

KING OF THE NORTH

CONTACT

000-000-0000

JONSNOW@EMAIL.COM

WWW.WEBSITE.COM

PROFILE

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

EXPERIENCE

JOB TITLE

COMPANY NAME | DATE 2013 - DATE 2016

- Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam
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EDUCATION

BACHELOR OF SCIENCE, MAJOR IN SUBJECT

UNIVERSITY NAME | 2008 - 2012

GPA: 3.8

SKILLS

- Lorem ipsum dolor
- Sit amet
- Consetetur sadipscing
- Elitr sed diam nonumy
- Eirmod tempor
- Invidunt ut labore
- Et dolore magna
- Aliquyam
- At vero eos et
- Accusam et justo
- Duo dolores et ea

AWARDS

NAME OF COMPANY

NAME OF AWARD

MAR 2015