NicholasHopper

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contact
806.341.1603

skills
Innovative, Agile, Driven

languages
Java 1.8, Bash, JavaScript, TypeScript, Groovy, Golang, Python

frameworks
Spring MVC, Spring Boot, J2EE, Jersey, Angular, React

servers
Apache Tomcat, NGINX, Node, JBOSS

CICD
Gradle, GitLab, Jenkins

cloud
Docker, Kubernetes, OpenShift, AWS

data
Elastic, MySQL, MongoDB

testing
JUnit, TestNG, Selenium, Mockito, Cucumber, Mocha Chai, SoapUI

monitoring
Splunk, Kibana, Prometheus, New Relic, Grafana

documentation
Swagger, Javadoc, Confluence, MkDocs, Markdown, LaTeX

experience

2018–Now — **Senior Software Engineer** — San Antonio, TX
iHeartMedia
Java developer working on Sales and Ad Tech team. Utilizing Cassandra, Kubernetes, Elastic ELK stack, and Spring Boot.
- Work directly with business stakeholders from around the country.
- Implemented full stack features.
- Leading team of remote workers, and provide tech grooming.
- Architect smaller changes, and consult with enterprise architects on larger changes.
- Collaborated with in house Data Science team to integrate mathematical solvers with Sales software.

2017–2018 — **Software Developer and Integrator II** — San Antonio, TX
USAA
Involved in the full life cycle of the digital voice platform. Emphasis in designing new infrastructure features. Modernizing a 15 year old codebase with OpenShift, Docker, Gradle, Maven, Java 8, JBoss, Apache Kafka, and RESTful micro services.
- Replaced Batched ETL jobs with Apache Kafka pipeline.
- Suggested, implemented, and integrated the ELK stack with a million plus line codebase.
- Helped with migration of over 100 Java HTTP controllers to REST APIs.
- Worked with Personalization and Machine Learning teams to transform user data into meaningful events.
- Prototyped infrastructure features, received buy in, and implemented features.

2015–2017 — **Techpoint Lead** — Waco, TX
Baylor University
Handled broad scope of responsibilities, troubleshoot student's technical problems, train new staff, and maintain campus workstations.
- Maintained printers and print service that generates 50,000 print jobs per day.
- Developed personal skills by assisting patrons.

education

2018 — **Graduate Courses in Computer Science** GPA 4.0 — University of Texas at San Antonio
Focused in Cryptography and Blockchain Technologies

2013–2017 — **BSCS in Computer Science** GPA 3.1 — Baylor University
With focuses in Earth Sciences and Software Engineering

awards

2019 — **1st Place of 16 teams + Most Shippable Award** — iHeartMedia IT Hackathon
Created PoC for App to share Music with Strangers.
- Built Backend to support all user actions on the UI.

2018 — **2nd Place of 10 teams** — USAA College Hire Hackathon
Created PoC for Alexa with secure Checking Account Access.
- Created a registered domain with full stack Web App in 8 hours that integrated with Alexa.

2017 — **2nd Place of 8 teams** — Senior Design Project
Commercially Janitorial Management Application
- Built connection with Raspberry Pi to hardware buttons and job scheduler algorithm.

2016 — **1st Place of 8 teams** — Junior Design Project
Road trip planner Web App
- Responsible for scoring Algorithm and REST integrations.