Joshua Opria

Software Engineer
Innovation Leader

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Overview

I am a committed results-driven IT professional who thrives on the opportunity to utilize innovative technologies. With a deep passion for designing and implementing applications, and driving digital experiments, I consistently deliver exceptional results.

I am seeking a challenging position in the computer and technology domain that will allow me to make a significant impact. I am motivated by the opportunity to drive innovation, exceed expectations, uplift team members, and advance my professional growth.

Key Skills

- Python, SQL, TypeScript, JavaScript, Ruby, Java, C++, HTML, CSS
- AWS, Docker, Kubernetes, PostgreSQL, DynamoDB, Terraform
- Django, React, Angular, SpringBoot
- DataDog, Jenkins, Harness, ConcourseCI, GitLab, GitHub
- Windows, Mac, Linux, Unix

Qualities

- Catalyst for team and technology uplift
- Eagerness and capacity to learn
- Dedication to delivering quality
- Keen eye for problem solving
- Passion for innovation and continuous improvement

WORK HISTORY

SOFTWARE ENGINEER ||

CoverMyMeds | June 2022 - Present

- Designed and implemented a NodeJS application that can handle running experiments in any app as well as log the related information
- Designed and implemented a data model for an experiments application that supports experiments, feature toggling, logging, and custom user filtering for the experiments
- Rewrote a PHP web application in react utilizing the remix framework
- Worked with business partners on building a use case for building a developer portal. Mentored 2 engineers on their career goals and how to work on achieving them
- Designed an enterprise-wide change to the system architecture to support a change in a core data model
- Lead an enterprise-wide innovation day to come up with ideas to change a core data model
- Created an enterprise-wide infrastructure solution for Azure Functions in a SOX compliant manor
- Built reusable GitHub Actions workflows that can deploy Azure Functions and dynamically spin testing environments up and down
- Utilized Terraform to standup an Azure application stack with Azure Functions, Blob storage, virtual private networks, and Azure Service Bus
- Architected a solution to execute rules against over 1 million requests a day, utilizing Redis and Rete algorithm for speed
- Worked with business partners to think analytically through our users' workflows and problems they might encounter

TECHNICAL LEAD

Nationwide Insurance | December 2020 - May 2022

- Designed and implemented digital experiments to get an understanding of what our users would like to see
- Stood up GraphQL API using AWS AppSync to consolidate API calls as well as obscure sensitive data
- Worked with business partners to design digital experiments that spanned across multiple large application
- Utilized Adobe Target to create multiple experiences for our users
- Mentored and trained developers on best practices, cloud technologies, coding languages, and architectural design
- Cross trained developers and testers to remove silos and switch to an engineer model
- Designed architecture models for multiple microservices including a serverless microservice
- Worked with business partners to increase the rate at which experiments get kept in production
- Worked in an architect capacity for user experience experiments
- Led planning sessions to decide on future projects the team would take on
- Designed experiments to suit a diverse audience and collect usage metrics

- Thrives in a collaborative environment
- Facilitates leadership and team collaboration

Education

Bachelor of Science in Computer Science
Bowling Green State University, May 2019

Projects

- Utilized deep learning for a turtle identification project for the Toledo Zoo
- Built an augmented reality app for IPhone and Android that showed you the locations of public palces

SENIOR APPLICATION ENGINEER

Nationwide Insurance | March 2020 - December 2020

- Designed and implemented document storage for an Angular site in AWS S3
- Led charge on changing to be a Dev-Ops team by designing fully automated CI/CD pipelines with added monitoring and reporting
- Designed and implemented APIs that get over 100,000 calls per hour
- Did live demonstrations for multiple teams on how to design and build CI/CD pipelines
- Mentored and trained 9 developers on best practices, cloud technologies, coding languages, and architectural design
- Build dynamic Angular site that utilizes Contentful as a content management service

SOFTWARE ENGINEER

Nationwide Insurance | June 2019 - March 2020

- Worked with Java to write back-end services to handle business logic and database connections
- Worked in an agile/Scrum team framework Used Angular 8 for web development
- Stood up multiple applications of all different types in Kubernetes Containerized applications using Docker
- Stood up CI/CD pipelines utilizing Concourse and Jenkins Stood up Ruby automated test suite for APIs
- Wrote Scripts using Python and Nodejs to transfer data for an application rewrite
- Stood up an AWS RDS Postgres database that utilizes Liquibase to do database updates

SOFTWARE DEVELOPER CONTRACTOR

Nationwide Insurance | December 2018 - June 2019

- Created and maintained enterprise level APIs in Apigee
- Put multiple apps into docker containers and hosted them in AWS on a Kubernetes cluster
- Worked with concourse to create automated deployment pipelines to help the team get to deploy more frequently
- Stood up CRUD endpoints for APIS in Java Springboot

SOFTWARE DEVELOPER

Senecio | August 2018 - December 2018

- Worked on an Android and IOS app called Public places which used AR technology to help users find the nearest public place for example hospital, airport, fire department, school, ...etc
- Created a Javascript site using Charts.js to help show usage and track user data on the Public Places app

SOFTWARE DEVELOPER INTERN

Nationwide Insurance | June 2018 - August 2018

- Worked on an Agile team that was responsible for Nationde's Developer Portal
- Put multiple apps into docker containers and hosted them on AWS in a Kubernetes Cluster
- Used Concourse to create automated deployment pipelines