MICHEL M KAZI
SOFTWARE ENGINEER

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in mynameismichelkazi ⚇ michelkazi

SKILLS

LANGUAGES

Go
Python
Rust
C++
JavaScript (ES6)
C
Java
Ruby

FRAMEWORKS AND LIBRARIES

Flask
OpenAPI
React JS
Node
Express JS
Pytest
Ruby On Rails (v6)

TOOLS

Git
Docker
Kubernetes
CircleCI
Concourse CI
Github
Jira
Heroku
Unix/Linux
Vim
Postman
Bash
Apache Kafka
RabbitMQ

DATABASES

MySQL
Vertica
Apache HDFS
CouchDB
MongoDB

CONCEPTS AND METHODOLOGIES

RESTful APIS
SDLC
Agile Methodology
Test Driven Development
Object Oriented Programming
Functional Programming

EXPERIENCE

Sonatype
Open Source Software Engineer

Remote
May 2020 to Current

- Contributed to development for open source dependency checkers written in Go, Python and Rust programming languages.
- Took ownership as technical lead for Sonatype's Ahab project written in Go.
- Built a caching implementation in Rust for Sonatype's Cargo-Pants project to prevent rate limiting.
- Served as a peer educator to assist teammates transitioning to software development.

Xandr
Software Engineer Intern

New York, NY
Jan. 2020 to July 2020

- Developed an application for the retrieval of TV advertisement attribution and exposure reports for services teams.
- Contributed to open source Prebid Server project with Publisher Integrations team.
- Designed AI chat bots to reduce Product Support backlog by 13%.

PROJECTS

Prebid Server
An open source server-side implementation of header bidding - meant to take load off the browser when making requests to ad servers. Hosted by a number of companies in highly available and geo-distributed clusters.

Ahab
I am the primary maintainer of Ahab - an open source CLI tool that scans for vulnerable dependencies in a Linux environment. The project is written in Go, and is powered by Sonatype's OSS index. Ahab is best used when checking for vulnerabilities in Dockerfiles.

Nancy
An open source command line tool meant to check for vulnerabilities in dependencies in Go projects. It can be powered by both Sonatype's OSS index or the Nexus IQ server.

Jake
Like Nancy, also an open source dependency checker for Python projects. It is also powered by Sonatype's OSS index or the Nexus IQ server.

Cargo-Pants
Cargo Pants is an open source cargo subcommand for checking the integrity of dependencies in a Rust project. It is powered by Sonatype's OSS index, but is not directly supported by Sonatype.

EDUCATION

CUNY Hunter College
B.S. Computer Science
Obtained 77 Credits towards a BS in Computer Science

Aug. 2020 to May 2022

Year Up New York
Software Development
Accrued 200+ hours of hands-on training in software development

Aug. 2019 to July 2020