Onyedikachi Okwa

Software Engineer

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I am a Software Engineer with interests in Backend Web Development, Solving Scalability Issues, DevOps, and Distributed Systems. I am enthusiastic about technology, eager to learn, and embody grit. I am driven to keep learning and improving my skills by the prospect of building solutions that can make people's lives better.

Skills

Skill	Rating
GO	Very Good
AGILE	Excellent
Team player	Excellent
Creative Thinking	Excellent
Software Craftsmanship and Clean Code	Excellent
MERN and PREN stacks	Excellent
Python	Good
DevOps and Cloud computing	Good
Heroku, GCP, and AWS	Good
CI/CD tools	Very Good
Terraform, K8s and GitOps with ArgoCD	Good

Work History

2022-01 -

Software Engineer
Adjust GmbH, Berlin, Germany

- GO, Postgres, ELK, Github/Github Action, Docker.
- Work on and support the KPI service which delivers insights about mobile apps, Ads, and campaigns tracked by clients.
- Refactoring the code base to pay off some tech debt, defining and improving processes such as adopting modern tools for observability and CI/CD which led to improved developer efficiency, an efficient workflow, and faster deployments.

2021-01 - 2021-12

Senior Software Engineer
AboutYou AG & Co. KG, Hamburg, Germany

- Nodejs, Typescript, NestJS, Fastify, MySQL, Redis, Elasticsearch, Kibana, Google BigQuery, BullQueue, Gitlab-CI, Bitbucket, Docker, AWS.
- Support the migration from Bitbucket and Improve Gitlab CI/CD pipeline performance, leading to an increase in developer productivity on the team.
- Migrated image management to Akamai CDN for hosting its static assets. This brought performance improvements to image load time.
- Worked on a new QueryBuilder system that simplifies and reduces the complexity of generating SQL queries that are run against Google BigQuery. This resolved the blocker that the channel's team used to hit when creating a complex audience.
- Developed highly reliable integrations to downstream services.

2019-02 - 2020-12

Backend/Platform Engineer (Remote)
Botkeeper, Boston, Massachusetts

- Nodejs (ES6), MongoDB, Koajs, Typescript, Redis, GraphQL, Gitlab-CI, Docker, AWS, serverless, Terraform, Docker, Kubernetes, GitOps with ArgoCD.
- Migrated frontend apps from the k8s cluster to AWS Cloudfront backed by S3
- Implemented an accounts insights system that provides health scores for client accounts from their accounting software.
- Worked on a job runner system for background tasks.
- Worked with members of my team to build out a transaction management tool that streamlines the process of categorizing clients' uncategorized transactions. We were able to automate the process, which made the accountants who handled the process manually more productive.
- Developed highly reliable third-party integrations for downstream services.
- Define consistent engineering standards and enable efficient workflow through Infrastructure as Code.

2018-06 - 2020-12

Software Engineer
Andela, Ilupeju, Lagos

- Nodejs (ES6), React, Redux, Webpack, Express, PHP(Laravel), Redis, Postgresql, Heroku, TravisCI, CircleCI.
- Wrote a highly maintainable codebase that adopts clean code for a performance tracking tool that helped the talent development team easily track and oversee its fellows.
- Convert Design mockups to full-featured web apps.

| 2017-09 - 2018-04 | **Web Developer** |
| | *SoftbaseNG, Surulere, Lagos* |

- Web development with Microsoft .NET and SQLServer.
- Kept abreast with emerging technologies, software trends, and project applications.

Education

| 2010-10 - 2014-12 | **Bachelor of Science: Physics** |
| | *Abia State University - Uturu, Abia* |

Projects

- **godl**: Godl is a CLI tool written in GO used to download and install GO binary releases on mac.
- **job-runner**: An asynchronous job runner written in GO with Redis and nats.io.
- **lru-cache**: A LRU replacement cache written in GO
- **Book-A-Meal**: Book-A-Meal is an application that allows customers to make food orders and helps the food vendor know what the customers want to eat.

Languages

English   ■■■■■

                                                                 Native