Aleem Isiaka

Senior Software Engineer

₽ PROFILE

A Software Engineer, open-source contributor, and content writer focused on building modern systems and products across different domains on an enterprise scale. I have led distributed teams that deliver high-end products with precision.

I enjoy solving modern problems creatively while sitting on the shoulders of existing solutions. Being an astute software engineer with an excellent urge for efficiency and end-user satisfaction.

With close to a decade of hands-on experience, I have gained substantial, enterprise production-grade skills set in building software products using varying technologies while maintaining industry-wide standards and best practices

SKILLS

Backend (JavaScript, Go, Bash) | Frontend (React, Vue) | Streaming (Kafka, ELK, RabbitMQ, Redis)

Cloud (GCP, AWS, Digital Ocean) | Infrastructure (K8s, Terraform, Ansible, Puppet)

Logging/Monitoring (Prometheus, New Relic, Datadog) | CI (CircleCI/GitHubActions/Travis/Jenkins)

SVC (GitHub, Gitlab, Bitbucket) | Management (Jira, Azure DevOps, Trello)

Database (MongoDB, Postgres, MySQL, SQLite)

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Oasis Living ☑

Sep 2021 – present London, UK

- Built an internal web app with React JS/Python. Leveraging public geo-location APIs to
 provide authenticity of client requests which improves the correctness of generated data
- Architect and develop Landlord/Tenant web apps with a new look and feel.
- Scale, optimize, and improve the web apps improving the user experience by 18% to 99% from 68%.
- Implement automated tests with Jest and Cypress for the web app ensuring high-quality feature delivery across the product
- Created a structure for providing technical documentation on software product features and fixes, improving teammates' collaboration and efficiency.
- Engineered the CI/CD pipeline for the web apps to ensure smooth development and delivery.

Senior Software Engineer/TechLead, uduX ☑

- Created a set of CLI tools with Golang and bash scripting for the internal process which
 converts DDEX manifest to UI Data that could be injected into the database for search and
 music streaming.
- Led team of four developers to architect, re-engineering and develop the company's streaming product
- Designed and implemented a fault-tolerant runtime environment using a combination of cloud services leveraging on Network, Compute, IaC, streaming, and logging services.
- Scale, optimize, and improve the API services by latency time from 10s to 0.9s.
- Designed, architect, and implemented the CI/CD pipelines for the deployment of the product that provided an efficient feature delivery while still ensuring best practices are adhered to.
- Interfaced with other team leaders and stakeholders to discuss and agree on product direction, guidelines, and feature requirements

Mar 2022 – Feb 2023 Lagos, Nigeria

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Software Engineer, *Josplay* □

- frastructures which include K8s clusters,

 Aug 2020 Sep 2021

 Lagos, Nigeria
- Designed, architect, and orchestrated streaming infrastructures which include K8s clusters,
 Object Storages, Event Queueing with Kafka, caching with Redis using the cloud that
 handles services >10K streaming RPS
- Designed, architected, and implemented the product release pipeline, with Travis/CircleCI service ensuring a safe, efficient, and fault-tolerant feature delivery.
- Led and organized a team of developers to increase their contribution through code reviews, engineering best practices, and knowledge sharing.
- Engineered a relay radio service using Nginx, bash, and Golang, for on-demand music suggestions with a background AI in Golang to support the continuous play for music stations in a business.
- Engineered and efficient multi-format music player that supports mp3 and HLS with a 99% success rate to provide highly available, high quality, and low bandwidth music streaming.

EDUCATION

HND Mech. Engineering, Lagos State Polytechnic

Lagos, Nigeria

B.Eng. Mech. Engineering, Kwara State University

Malete, Nigeria

PUBLICATIONS

Publisher Profile, Logrocket ☑

https://blog.logrocket.com/using-firebase-cloud-messaging-as-a-pub-sub-service/

Publisher Profile, Smashing Magazine □

https://www.smashingmagazine.com/2020/04/nodejs-internals/

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