

OMAVI WALKER

EXPERIENCE

Present
|
Feb.
2022

Senior Software Engineer

Webflow

📍 Remote

- Developed and implemented a novel approach to protect the email services of over 1 million trustworthy sites from spammers.
- Led the implementation of the ability to toggle invisible captchas on over 200,000 User Accounts sites to prevent spam sign ups while maintaining a good user experience.
- Migrated a core service, responsible for caching User Accounts pages, from Fastly Edge Compute to Cloudflare Workers while also bringing the service from little to full test coverage.
- Led implementation and documentation of v1 and v2 User Accounts public API.
- Extended GraphQL API to support User Accounts custom data mutations based on site settings. Designed an approach that allowed for all sites to leverage the same schema to mutate and query custom data, avoiding the need for additional custom schema loading.
- Added comprehensive instrumentation, dashboards, and monitors for User Accounts, Forms, and Assets services to proactively detect issues and provide realtime insights into the health of the services.
- Participated in two parallel on-call rotations, providing incident commanding and responding expertise.
- Addressed technical debt and bugs across CMS, Forms, Ecommerce, Assets, Enterprise, CI, local development, and other verticals powering over 1 million Webflow sites.

Jan.
2022
|
Mar.
2020

Senior Software Engineer

Brightspot - Platform Team

📍 Remote

- Provided system design, product management, technical implementation, automated testing, support, and documentation services for Brightspot's GraphQL plugin.
- Over 18 months, planned more than 90 new features and improvements, 64 of which were developed and launched.
- Upon joining the GraphQL team, realized stability was an issue. To create a more robust system, introduced automated testing to the project and created over 400 tests in a matter of months.
- Optimized and refactored the codebase to have no known issues and promptly prioritize any bugs discovered.

Mar.
2020
|
Aug.
2016

Software Engineer

Brightspot - Services Team

📍 Reston, Virginia

- Collaborated with stakeholders to define project scope and technical requirements, leading to the successful redesign and deployment of corporate and brand websites for clients like Sotheby's, Arizent, and Mattress Firm.
- Led a large-scale migration from AEM involving millions of Sotheby's records.
- Managed backend and frontend architecture, ensuring the delivery of flexible and simple solutions.

CONTACT INFO

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📍 Richmond, Virginia

TECHNICAL SKILLS

Languages

Typescript, GraphQL, Java, Rust

Other

React, NodeJS, MongoDB, SQL, Apollo Server, Apollo Client, NextJS, GitHub Actions, AWS, Cloudflare, Postmark, Stripe, Snowflake, Redis, Docker, Pulumi, Datadog, Mocha, Jest, Cypress, TailwindCSS

LEARNING

SolidJS, SolidStart

EDUCATION

B.S. Computer Science

🎓 Class of 2016
🏛 Virginia Tech
📍 Blacksburg, Virginia