

BEN TOWNSEND

* AVAILABLE IMMEDIATELY

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🔗 BENTOWNSEND.DEV

📍 REDHILL, UK

Accomplished engineer with 10+ years in DevOps and full-stack development. I drive innovation through scalable, secure infrastructure solutions that enhance business performance. Known for mentoring teams, optimizing processes, and delivering projects that exceed expectations. I effectively translate challenges into strategies that align technology with business goals.

TECHNOLOGIES

AWS CSS DataDog Docker Fastly Go Grafana HTML Javascript Jenkins Kubernetes
Linux Markdown MySQL Netlify New Relic Next.js NGINX Puppet React Ruby templating
SCSS Shell scripting Terraform Typescript Vagrant YAML

CERTIFICATION

🌟 AWS Solutions Architect Associate

IMMEDIATE MEDIA

DEVOPS ENGINEER • APR 2023 - JAN 2024

NOTABLE WORK:

- Implementing a service mesh system to improve service response times & allow the new native app platform to use backend APIs.
- Improving Docker image tagging to enable image retention cycles, greatly reducing storage costs.
- Leading the conversation on which solutions should be investigated when looking to reduce the costs of application monitoring.
- Managing information & system access using detailed IAM & Security Group rules.

NEW SCIENTIST

DEVOPS ENGINEER • DEC 2020 - AUG 2022

NOTABLE WORK:

- Day-to-day running of all things DevOps as the principal DevOps Engineer.
- Redesigned application networking with a focus on the least privilege principal, enhancing security.
- Rebuilt the Jenkins server using Docker & ECS, to improve security & streamline the upgrade process.
- Merging the OS specific local developer environments to one using Docker, ready for the introduction of Apple Silicon & to improve developer onboarding.
- Facilitating AWS account migration after acquisition by the Daily Mail General Trust.
- Refactoring the Fastly VCL to allow for authentication at the edge & faster request routing.

IMMEDIATE MEDIA

DEVOPS ENGINEER • MAY 2018 - DEC 2020

NOTABLE WORK:

- Architecting the infrastructure for a new redirect handler, improving response times leading to better SEO & bringing containerisation & "serverless" functions to the business.
- Introducing AWS Transit Gateway to the business for faster, cheaper & more secure traffic handling between different systems.
- Spearheading the rebuild of the deployment pipeline for V1 of the Digital publishing platform.
- Running data migration & managing brand website relaunches without downtime.

PHP DEVELOPER • OCT 2017 - MAY 2018

NOTABLE WORK:

- Data processing & migration for RadioTimes.
- Building the venues feature used by Gardeners World & future migrated brands.
- Database query optimisation to improve server response times.

WORDPRESS DEVELOPER • JUL 2016 - SEP 2017

NOTABLE WORK:

- Initial fullstack development for the new publishing platform.
- Migration of Olive Magazine to the new platform.

FREELANCE

FULLSTACK DEVELOPER • DEC 2015 - JUN 2016

BEEF DIGITAL

FULLSTACK DEVELOPER • SEP 2013 - DEC 2015