

Ben Manson

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: London, UK

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BACKEND DEVELOPER

I am a self-starting backend developer with around **2 years of experience** in **Python, and AWS**. I have knowledge of frameworks such as **Django**, and **Terraform** and experience with **Docker**, **database management**, and **site reliability**.

TECHNICAL SKILLS

Languages	: Python, Java, C, C++
AWS	: EC2, RDS, Lambda, Route 53, VPC, SSM, EFS, S3, Cloudfront, Terraform
Frameworks	: Django, Flask, Bootstrap, Pandas, PyTorch, Boto3, CMake, Maven
SRE	: Nginx, Apache, Systemd, Gunicorn, Cloudflare, Unix CLI Tools
Databases	: MySQL, SQLite
Dev Tools	: Jira, Confluence, Visual Studio/Code, IntelliJ, Git, Flake8, Editorconfig, LaTeX

EXPERIENCE

Python & Cloud Engineer

Global Fund Media

Jan 2022 – Present

London, UK

- Designed and delivered an **application built on AWS** for scraping people move information, generating monthly move reports, and contact details for over 100k employees in the hedge fund industry. Integrated with **third party APIs** where appropriate to maintain data integrity.
- Designed and delivered an **internal Django web platform** for managing our scraped data, providing a centralised data hub for metrics, and other requested tooling to colleagues.
- Built a tool akin to Meltwater for aggregation of third-party news, adding a **TF-IDF based model** for filtering relevant articles for editors.
- Managed a CMS migration from Drupal to Wordpress, **redesigning and deploying the infrastructure** in a different region.
- Trained other team members** on an ongoing basis in **AWS** and **Python** best practices.
- Continued with previous responsibilities minus IT work.

IT Cloud Engineer

Sep 2021 – Jan 2022

- Managed and monitored two news editorial sites with over 200k monthly users, using **RDS, EC2, ELB, SSM, and Cloudfront**.
- Managed **production and staging instances**, patching software and updating corresponding configuration files where required.
- Implemented backup solution for our collaboration platform, and managed system administration and IT onboarding in **Microsoft 365**.
- Added **Cloudflare security solutions** to our sites to prevent DDoS attacks.

EDUCATION

University of Edinburgh

Bachelor of Science (Hons) in Computer Science & Artificial Intelligence

Edinburgh, UK

2017 – 2021

- Graduated with a **First Class** from the School of Informatics.
- Received a first on courses including: **computer security; reinforcement learning; object-oriented programming; applied machine learning**; and my Honour's project among others.
- Developed skills in **Python, Java, and C** during my studies.