

# Phil Bell

## Senior Software Developer

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London, UK

As a Senior Software Engineer, I am proficient in **Python**, specifically within **Django, FastAPI and Flask** frameworks, along with expertise in **Rust** and **Go**. My skill set is further complemented by comprehensive DevOps experience, particularly in **Docker** and **CI/CD** pipelines. Currently, I'm driving innovation in the Legaltech and Fintech sectors, leveraging my prior experience in the Communications industry. My foundation in these complex technical arenas is rooted in a solid Computer Science degree.

## Experience

### Senior Software Engineer

Oct 2019 - Present

Legl · London, UK

Legl, a fintech firm operating in the legal industry, offers innovative solutions in compliance, finance, and fundraising. My journey started when the company was still CrowdJustice, as a Software Engineer, contributing to Legl's evolving product suite. In 2021, I specialized as a Backend Engineer and, following my dedicated work, earned a promotion to Senior Backend Engineer in July 2022.

- Crafting APIs via Django Rest Framework
- Enhancing pipeline with Docker deployments
- Unifying third-party API integration
- Streamlining our CI/CD with CircleCI/GitHub Actions
- Managing Heroku/AWS infrastructure using Terraform

### Software Engineer

Sep 2017 - Oct 2019

CityFibre · London, UK

A leading UK-based Fiber Infrastructure ISP focused on FTTP networks, I led the development of microservices for internal and external tools, enhancing our digital operations. Additionally, I managed our expansive IoT device mesh, ensuring the seamless operation of our fiber network and reinforcing our reputation for reliability and performance.

- Engineering Flask-based Microservices
- Streamlining AWS Lambda Deployments
- Navigating Low-Level IoT Device Operations
- Orchestrating Provisioning Systems Management

## Projects

### Creator

Niki

Centralised website for managing a network of Plex, Jellyfin and Kodi server content. Build in DRF and Vue with a companion Docker app using FastAPI.

- DRF
- Vue
- FastAPI
- Docker

### Creator and maintainer

s3-loader

Simple python package for uploading directories to AWS S3, made with Python and Typer library

- Python
- Typer
- AWS S3

### Creator and maintainer

the-python-bay

Python package for searching torrents on The Pirate Bay

- Python
- P2P

## Skills

### Languages

Python  
Rust  
Go  
Javascript

### Frameworks

Django  
FastAPI  
Flask  
Fiber  
Vue

### Tools

VS Code  
Sublime  
Sublime Merge

### Technologies

Docker  
Kubernetes  
AWS  
Heroku  
Terraform

### Other

Code Swarming  
Open source  
Guidance  
Leadership  
Mentoring  
TDD  
DDD  
XP

## Education

Bachelor, Computer Science  
University of Coventry

## Languages

English · Native

## Interests

Longboarding  
Open Source  
Programming  
Marathon Running  
Music

## Links

[github.com/phil-bell](https://github.com/phil-bell)  
[linkedin.com/in/phil-bell](https://linkedin.com/in/phil-bell)

## Author

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