

Matt Bell

matt@mbell.me · <https://mbell.me/> · Twitter: @mbellgb

Career

- **Limejump Ltd** **London, UK**
Full Stack Developer Jun 2019 – present
 - Working on various codebases across the stack, as part of the trading and operations team
 - Leading and mentoring the team on migrating from ECS + Salt stack to Kubernetes
 - Working a number of incident on-call rotas, getting exposure to the entire company's tech systems and fixing a wide array of issues.
 - Maintaining Django and AngularJS projects, as well as building features for new Golang & Flask microservices.
- **State Street** **London, UK**
Microservices Framework Engineer Jul 2018 – May 2019
 - Part of core engineering work to provide Kubernetes-as-a-service, to eventually be rolled out across the business
 - Contributing to high level design of a highly-available, resilient platform as well as implementation details
 - Rolled out and maintained developer tools (Concourse CI and Artifactory) for internal users
 - Working amongst constraints of corporate and industry regulations to provide a secure, compliant framework for developers
- **Interrodata** **London, UK**
Frontend Development (Contractor) Aug 2017 – Sep 2017
 - Worked to integrate separate API backend (written in Python) with frontend app (written in React)
 - Set up automated build pipeline, including testing and code linting/formatting
 - Built new features for the frontend, including a sophisticated autocomplete system.
- **Pip App** **London, UK**
Backend Developer Intern (Contractor) Jun 2017 – Jul 2017
 - Setup cloud data store (Firebase) and built admin interface/sync tool using Node.JS
 - Worked on integrating data into app, built on the React Native platform
- **Netcraft** **Bath, UK**
Internet Services Developer (Internship) Jun 2016 – Sep 2016
 - Maintained production servers and supported devops work, as well as working as the primary on-call systems admin at times.
 - Develop new features for the company's systems including package version archiving and input validation for the fraud detection systems.
 - Helped to set up clients on the internal systems and write config files for them.

Education

- **University College London** **2:1 awarded**
BSc Computer Science Sep 2015 – Jul 2018

Technical Skills

Languages: Working experience: Go, Python, Javascript, HCL, YAML
Intermediate: C
Limited experience: Java

Web Technologies: Experience with popular web technologies such as Node.JS, React, and Django. Maintained Angular and Flask codebases.

Server-side engineering: Experience using database systems (PostgreSQL), web server software (Nginx, Apache, Istio), UNIX shells and continuous integration systems (Concourse, Jenkins, CircleCI, GitHub Actions). Limited knowledge of Kafka.

DevOps: Experience building, running and maintaining Kubernetes services, Ansible, Terraform, AWS-based systems, Prometheus.

Projects

A selection of projects (plus source code) is available at <https://mbell.me/projects>.