

# Matt Bell

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## Career

- **State Street** **London, UK**  
Microservices Framework Engineer Jul 2018 – present
  - 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.

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## Education

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

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## Technical Skills

**Languages:** Expert: JavaScript, Ruby

Working experience: Python, Go

Intermediate: C

Limited experience: Java

**Web Technologies:** Experience with popular web technologies such as Node.JS, Ruby On Rails, React and Django

**Server-side engineering:** Experience using database systems (SQL and NoSQL), web server software (Nginx and Apache), UNIX shells and continuous integration systems (Concourse, Jenkins)

**DevOps:** Experience building, running and maintaining Kubernetes services, Ansible, Terraform, AWS-based systems, Prometheus, limited Elasticsearch experience

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## Projects

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