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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.

Education

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

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

Projects

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