Peter Yates

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Skills

- **Languages:** Ruby, JavaScript, Go, SQL

- **Web Frameworks/Libraries:** Rails, Sinatra, VueJS, GOV.UK Design System

- **Platforms:** Digital Ocean, Netlify, Microsoft Azure, Heroku, Amazon AWS

- **Relational Database Management Systems:** PostgreSQL 7.3–12, MySQL 4.1–5.7, Microsoft SQL Server 2000 and 2005; including an extensive knowledge of user-defined functions, stored procedures, views, indexing strategies, procedural languages (including PL/Ruby, PL/Python, PL/pgSQL and Microsoft T-SQL)

- **Testing:** RSpec, Cucumber, Minitest, Selenium, Capybara

- **Geographic:** PostGIS, QGIS, Leaflet, OpenLayers

- **Version Control/Project Management:** Git, Subversion, Jira, Confluence, Trello

- **Markup/Serialised Data:** HTML, CSS, Slim, Sass, XML, XSLT, YAML, JSON, Jbuilder

- **Operating Systems:** Linux, Unix, macOS

- **Miscellaneous:** Vim, LaTeX, Bash, Zsh, Ansible, Capistrano, Redis

Employment History

- **Software Developer**   **December 2018 — December 2019**
  Department for Education (via Engine Group)   (contract)

  - part of the team that built and launched School Experience, a project, aimed at giving people interested in teaching real life experience in the classroom and allowing schools to manage applications and placements
  - took part in the entire user-centred design process including conducting user research, observing users, prototyping and testing
  - as a side project, created the GOV.UK Design System Form Builder, a library that implements a Rails form builder that adheres to the GOV.UK Design System. Currently used by several projects across the Department for Education and the Department of Business, Energy and Industrial Strategy.

- **Founder**   **March 2017 — Current**
  Graphia Ltd

  - designed and created Graphia CMS, a version-controlled documentation management system. Currently in open beta
  - undertook a number of short-medium term software development and data engineering contracts

- **Technical Lead**   **August 2011 — February 2017**
  Capita Translation and Interpreting

  - designed and lead the development of internal interpreter booking platform
  - implemented a new development infrastructure and standards project, encompassing code review, automated testing, continuous integration & deployment
  - initiated the company's transition from non-relational to relational databases
  - built a self-serve management information portal that is used throughout the business

- **Web Developer**   **November 2008 — September 2010**
  Setfire Media

  - developed web sites and applications for large clients

- helped reimplement On The Beach Holdays' website, originally written in Minivend, in Ruby on Rails
- implemented unit and integration tests for all projects, development undertaken in a BDD environment
- performed a variety of system administration tasks on Debian 5.0 and CentOS 5 servers
- held responsibility for database administration on all projects, tasks included query optimisation, setting up replication and managing permissions on MySQL 5.1 and PostgreSQL 8.3+

- **Senior Information Analyst**   **August 2007 — November 2008**
  Salford Royal Foundation Trust

  - designed and implemented performance-related reports to help trust meet NHS targets
  - wrote queries and created Microsoft SQL Server 2000 database objects using Microsoft T-SQL
  - assisted with the advancement of the internal development methodology
  - performed database optimisation, troubleshooting and maintenance

- **Software Engineer**   **October 2006 — August 2007**
  Clicks And Links Ltd.

  - developed and maintained web sites written in Ruby On Rails, Zope and Django
  - designed database back-ends for web applications in PostgreSQL

- **Database Programmer**   **November 2005 — May 2006**
  Harrington Brooks Accountants Ltd.   (contract)

  - developed back-end data objects for new IVA system in Microsoft SQL Server 2000
  - provided technical assistance to IT team while bug-fixing internal systems in Visual Basic 6.0
  - implemented company-wide source control infrastructure with Subversion

- **Programmer**   **November 2004 — November 2005**
  Egton Medical Information Services

  - developed software used in the primary care sector for management of medical records and administrative purposes
  - obtained Microsoft Certified Professional qualification in Programming SQL Server 2000 (2073)

Education

- **Manchester Metropolitan University**   2001–2004
  BSc. Hons Information Technology (2:1)

- **North Chadderton Sixth Form College**   1999–2001
  A-Levels in Biology, Information Technology, Chemistry

- **North Chadderton School**   1994–1999
  9 GCSE (A-C) including: Science, Maths, English