# Profile

* CTO with several companies.
* Certified SCRUM master.
* A senior developer with over 20 years experience. Spoken at workshops.
* 20+ years experience with many flavours of linux like RedHat, Ubuntu and so on.
* Experienced with Git, GitHub, GitLab etc.
* Long SQL experience with MySQL, Sybase, MSSQL etc.
* Experience with the Atlassian suite: JIRA, Confluence etc.

# Experience

**Morgan Stanley, Senior Perl/PHP developer, Jan-Jun 2019**

Maintained and bug fixed IaaS system in perl. Extensive use of Test::More. Code repository in git, heavy use of advanced commands.

**BBC, Team Lead, Senior Perl developer, DevOps Consultant, Sep-Oct 2018**

Led Perl and DevOps team managing >100 servers and 10+ Petabytes of data, developed locally using Vagrant VMs, code resident in GitHub. Used Nagios for whole system overview, updating, restarting, replacing disks. Started reviving Perl tests and having new ones developed, resurrected CI back into in GoCD. Managed servers through ILOs, systems through puppet

**Edumaite, Senior Perl developer, CTO, Mar to Sep 2018**

07768 490620

daveh@hodgkinson.org

6 Great House Rise

Ffordd-Y-Barcer

Cardiff

CF5 4RZ

DAVID HODGKINSON

Designed and built Perl Catalyst site and API for secondary schools. Built HTML browser geo to database API, JavaScript location tracker. ImplementedGoogle Maps interface to the database

**Oxford University Press, Senior Perl Developer, Feb-Mar 2018**

**Webgains, PHP Consultant**, **Oct-Nov 2017**

Maintained paper submission system.

**Institute of Physics Publishing, Perl Consultant**, **May-Sep 2017**

Undertook the revival of a well-written legacy document ingestion system.

Upgraded legacy Perl system OS from RedHat 5 to RedHat 7 and AWS. Took legacy Perl and modules to perl 5.16. Upgraded Apache configuration from 1.3 to 2.4. Got legacy Perl test suite working in Bamboo. Hosted on AWS, code hosted on GitHub

**Lead PHP developer, Retail Merchant Services, Feb-Mar 2017**

Took over from “sole developer”. Secured site against previous developer, performed day-to-day fixes to the code. Transitioned site to Amazon AWS EC2, hosted the code on git

**DevOps Consultant, DWP, Apr-May 2016**

Built Docker instances for application and system software, using Jenkins. Wrote Python program to poll server APIs and display server health and versions. Maintained documentation in Confluence, progressed stories in JIRA. Hosting in the cloud on Skyscape (public sector version of Amazon EC2), code hosted in git

# **Senior DevOps Engineer, BBC, Jul 2015 Nov 2015**

Maintained a large ReHhat Linux 7 Hadoop-based web browsing statistics pipeline with a Perl harness and Hadoop, Varnish, Gearman, MySQL, Puppet, Nagios, Jenkins, RedHat. Liaised with users, JIRA, documentation in Confluence. Worked in agile team, acted as occasional SCRUM master, ran agile ceremonies

# **Consultant, Lead Perl Developer, Tusker Direct Apr 2015 to Jul 2015**

Engaged to rebut a technical due diligence report, bring modern Perl techniques. Introduced Catalyst and DBIx::Class, wrote an API approach to What Car interface? Introduced testing and Jenkins Continuous Integration, perlcritic. Introduced Selenium testing of web front end

# **CTO/Senior Perl developer, Digital Assess Feb 2015 to Apr 2015**

**Team Lead/Senior Perl Developer, Daisy Group PLC**, **Jul 2014 to Feb 2015**

# **Team Lead/Senior Perl Developer, Companies House, Jun 2014 to Jul 2014**

**Senior Perl developer, Enable Ltd, April 2014 to May 2014**

Built a RESTful healthcare payments workflow backend in Perl on RHEL, JSON, MySQL, MySQL-Workbench. Schedule handling using Date::Time and Date::Time::Duration. Built REST backend. Extensive testing with Test::More, Catalyst::Test, REST client. Set up source code repository in git on bitbucket, CI with Jenkins, code hosted on git

**Senior Perl developer, State51, July 2013 to Dec 2013**

**Senior Perl developer, Webfusion/123-reg, Jan 2013 to May 2013**

**BBC, External Development Manager, Senior Perl Developer, Dec 2008 to Apr 2012**

**Hildebrand, Senior Perl Developer, Jun-Jul 2012**

**Mvine, Senior Perl Developer, May 2012**

**Photobox UK, Consultant, October 2010 to March 2011**

**Deutsche Bank, May 2008 to November 2008, Senior Perl Developer**

**Rabobank International, Project Manager, May 2007 to May 2008**

**Goldman Sachs, September 2005 – March 2006, Technical Unix Team Leader**

**Venda Ltd. November 2006 – January 2007, Senior Perl Developer**

**iSporty Ltd, CTO, January 2007 to May 2007**

**Future Publishing – IT, Senior Perl Developer, Server Architect, Mar 2004 – Jul 2006**

# **Sift PLC - October 1997 to March 2000 - CTO**

Grew the development team from one to six heavyweight Unix/Linux developers. Architected and co-developed the Linux/mod\_perl/MySQL based platform used by over 50 sites, 120,000 professionals with peak traffic of 400,000 dynamically generated pages per day. Integrated the platform into Siemens Nixdorf’s intranet with information feeds. Built a Linux/Sybase web stats warehouse used to pass ABCe audit

# Education

University of Southampton - Maths and Computer Science.

University of Bath - Entrepreneur Studies and Photography.  
Central St. Martins - Photography.