SCOTT HADFIELD

CURRICULUM VITAE

Cape Town, South Africa   /   (778) 785-9786   /   hadsie@gmail.com

Ten years and counting experience in both senior developer and senior managerial positions, primarily in web based industries. Proven track record working in fast-paced tech startups. Specialist in bridging the gap between developers & non-technical team members.

TECHNICAL SKILLS

Programming / Scripting Languages
Python (Expert), PHP (Expert), JavaScript, C/C++, Perl, Ruby, ASP, Bash (Expert), Java, Visual Basic, Lisp, Haskell

SQL Databases
10+ years SQL experience. MySQL (Expert), Microsoft SQL Server, DB2

Operating Systems
Linux (Expert), Mac OS X (Expert), all Microsoft OSs, Solaris.

Network Security
Experience & working knowledge of common infrastructure & web based attacks, firewalls (iptables), wireless security, and cryptography

Programming Frameworks / Toolkits
Drupal, Symfony2, Django, WordPress, jQuery, and Ruby on Rails

Methodologies
10+ years experience using OOP/OOD in a production environment

EDUCATION

- BSc Computing Science (Simon Fraser University).

  Computing: Algorithms, Artificial Intelligence, Circuitry, Databases, Networking, Operating Systems, and Programming.
  Mathematics: Calculus, Discrete and Combinatorics, Linear Algebra, Numerical Analysis, Statistics.
  Linguistics: Phonetics, Semantics, and Syntax.

- MSc Computing Science (Simon Fraser University) - Incomplete.

  I was pursuing an MSc focussed on multifactor authentication systems using geo-temporal data, but stopped the program midway through to take on my role at NowPublic.

  Areas studied: Networking & Network Security, and Digital Acoustics Processing

EXPERIENCE

Hello Pretty
CTO / Technical Co-Founder
Jan 2012 - Present

An online marketplace for South African designers built on D7. It's the largest marketplace of it's kind in South Africa. I handle long term planning & strategy, and oversee all technical decisions.

- *Built the codebase*
- *Ensure smooth running of site & servers*
- *Medium & long term company planning*

Wedful Wedding Websites
Co-Founder
Jun 2009 - Jan 2012

Wedful is a web service for hosting wedding websites, built on Drupal. As it is a small startup, my daily tasks could include anything from programming to server maintenance to marketing.

- *Make stuff "just work"*
- *Design and plan all system architecture*
- *Too many other co-founder tasks to list ;)*

NowPublic Technologies
Director of Development
Nov 2007 - May 2009

Improve development process, oversee, guide, and initiate daily activities of the tech / dev team. Primary liaison between tech, marketing, product, & business development teams to prioritize and schedule products & services on budget and on time.

- *Built the codebase*
- *Ensure smooth running of site & servers*
- *Medium & long term company planning*

Google Summer of Code
Developer
Jun 2007 - Aug 2007

My Google Summer of Code project involved developing a set of tools for the Drupal project to help find bottlenecks, load test, and load balance Drupal sites.

- *Drupal Scalability, Load Balancing, and High Availability*

Hatch Web Studio - Owner - Jan 2007 - Present

Consulting. Project planning, development & security audits for clients in North America. Wide range of technologies used (PHP, Python, Ruby, Django, Drupal, SOAP & Linux)

- *GiveStep: Microdonations. Symfony2 dev, project management http://givestep.com*
- *Cargoh: Marketplace. Drupal dev & technical advisor http://cargoh.com*
- *Chiefs and Champions: TV Show. Drupal dev http://chiefsandchampions.com*
- *Grateful Dead: Band. Drupal / Iventa ecommerce integration http://dead.net*
- *Project & client management*

Gentoo Foundation - Developer - Jun 2004 - Jun 2006

- *GLSR (Gentoo Linux Script Repository): A lead developer on a web based script repository written in python. Among it's primary features include script posting, revisions, rating, and user comments.*
- *GLIS (Gentoo Linux Installation Script): A lead developer on a Gentoo installation script, written in bash. Has since been replaced with the now official Gentoo installer.*

Simon Fraser University - May 2002 - Mar 2007
Special Projects Manager, Technical Manager, Senior Web Developer, Technical Support Specialist

I performed a large variety of jobs with SFU Computing Science, including things such as help desk support, web development, Linux support, and project management. My major accomplishments include the development of two medium sized web applications and coordinating the design and setup of four new labs totaling roughly 200 workstations and 8 servers.

- *Defining & implementing a formal network, systems and web application security policy.*
- *Investigating and reviewing new tools and applications to help improve our groups efficiency, such as content management systems and web development frameworks.*
- *Web and database application development (Python, Perl, MySQL, SQL Server, Apache).*
- *Coordinated the renovations, design, and setup of five new lab spaces consisting of a total of almost 200 workstations and 8 servers.*
- *Maintenance and administration of over 80 Linux and Solaris workstations and servers.*
- *Maintenance of our group's internal subversion repository, documentation system and wiki farm.*
- *Develop python based web applications including a progress report system for the school's graduate students and a web based news publishing application.*
- *Design and maintenance for the school's internal and external web sites.*
- *Windows and Linux technical support for staff, faculty, and students.*