

# Michael Griffin

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https://github.com/mgriffin

## Experience

2007–Present **ICT Officer, National Museum of Ireland.**

Responsibilities include:

- Deskside support for 200 people spread over six sites;
- Server support, configuration and backup for 35 servers;
- Network analysis and monitoring;
- Support for exhibition interactive displays

### **Virtualised server infrastructure leading to reduced support calls and energy costs**

By running virtualised servers, we can expand or contract the resources needed without down time. Also by using less physical servers, we saved significant energy costs.

### **Installed network monitoring using Nagios and Cacti**

Using a disused server, this machine now monitors the switches, routers, servers and printers. We are notified of problems or potential problems before the users are aware of them and this leads to a higher perception of the ICT department.

### **Introduced git as department side VCS**

All code and configuration files are now version controlled and easier to change and audit.

### **Introduced Jenkins CI**

Jenkins runs the tests needed to ensure that we haven't introduced any bugs when adding features and automatically pushes the code to the production site.

### **Oversaw the introduction of SCCM**

We use SCCM to install new desktop machines and ensure that they have the correct configuration for the domain.

### **Speced and wrote a digital signage system**

The backend is in PHP and allows the education staff to upload events as they plan them. This information can then be viewed by the public on screens in each reception area. The data is also used to create a quarterly calendar of events that is sent to museum subscribers

### **Continual upgrades and improvements to a bespoke education booking system**

I am the main point of support for a system that the education department use to create and keep track of bookings. The system is written in ASP.NET and uses MSSQL as its backend. Javascript is also used to provide a speedier user experience.

### **Helped to install Openfire as a Jabber server for internal communication**

This was a proof of concept solution that was eventually demoted as there wasn't sufficient interest.

2006–2007 **Lead Developer, BlueCarrot Ltd.**

- Developed a multi user online timesheet and course organisation system
- Oversaw development of high profile sales site

2004–2005 **Network Administrator, Ordnance Survey Ireland.**

- Administered LAN and WAN links using Cisco switches and PIX firewall

2002–2004 **Helpdesk, Ordnance Survey Ireland.**

- Member of the helpdesk team supporting 120 people on two sites

2000–2002 **Release Lab Engineer, Symantec Ltd..**

- Responsible for final check of gold master localised versions of Symantec software
- Created new test images that were pushed out to testing machines
- General desktop support

## Technical Experience

### Proficient With

languages PHP, Ruby, Bash, Powershell, HTML, CSS

technologies Jenkins CI, Windows (Server and Desktop), Linux (Debian, Arch), OSX, XMPP (Jabber), Cisco PIX, MySQL, L<sup>A</sup>T<sub>E</sub>X, git

### Have Experience With

languages JavaScript, C, ASP.Net

technologies Checkpoint, MSSQL

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## Education

1995–1999 **B. Eng Electronic Engineering**, *Dublin City University*.

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## Activities

Canoe Polo Member of the Irish Canoe Polo team that competed at the World Championships in Japan  
Also competed at 3 European Championships  
Refereed at multiple World and European Championships

Triathlon Completed Ironman Lanzarote in 2011

Athletics Member of Liffey Valley AC  
Completed five marathons