

## Michael Graves

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**Summary** Motivated developer with more than a decade of web experience and seven years in the game industry.

**Specialties** PHP, C#, Java, Perl | Unity 3, CakePHP, Android SDK | Dreamweaver, Eclipse, NetBeans, Photoshop, Visual Studio | Perforce, Subversion | MySQL, MongoDB | DHTML, XHTML, XML, CSS, JavaScript, JQuery | Apache, Tomcat | CruiseControl, Ant | OOP, Agile Development

### Experience **Senior Server Developer**

Gas Powered Games Bellevue, WA  
March 2011 — Present

- Multiplayer programming  
[ C#, Unity3, Visual Studio, MonoDevelop ]
- Game server development  
[ PHP, MongoDB ]
- Build automation  
[ CruiseControl, Ant ]

### **Software Engineer**

NCsoft Seattle, WA  
November 2010 — February 2011

- Lead development of systems used by NCsoft franchises in North America and Europe to manage and deploy web content and services  
[ CakePHP, Spring Surf, Java, PHP, MongoDB, MySQL, Alfresco ]
- Developed game-to-web platform used by NCsoft's next generation of online games  
[ Java, Tomcat ]

### **Web Development Manager / Lead Web Application Developer**

NCsoft Seattle, WA  
April 2010 — November 2010

- Managed and lead development efforts
  - Managed HR issues
  - Mentored junior developers
- Developed NCsoft web search application  
[ CakePHP, Memcache, MySQL ]
  - Designed and implemented a highly scalable web application to power NCsoft web search
  - Saved the company thousands of dollars by replacing Google search appliances
- Served on NCsoft global domain policy task force
  - Provided technical feedback and recommendations for corporate and franchise sub domain usage

## **Lead Web Application Developer**

NCsoft

Seattle, WA

November 2008 — April 2010

- Principal backend developer of NA and EU Aion websites  
*[ Java, JSTL, Tomcat ]*
  - Created Servlets, JavaBeans, and JSPs to maintain existing codebase and add additional functionality
- Developed URL redirect management system  
*[ Perl, PHP, MySQL, Memcache, mod\_perl 2.0 ]*
  - Replaced hundreds of one-off scripts scattered throughout our web servers
- Configured and maintained Alfresco server for digital asset and web content management  
*[ Alfresco, Tomcat, Linux (CentOS), Perl, Ant ]*
  - Determined hardware requirements and strategy/timeline to expand (SAN) storage space
  - Researched Alfresco WCM to manage web source code, virtualization, and deployments
  - Created backup and restore scripts based on documented procedures
  - Became Alfresco subject matter expert
- Developed character profile plugin for Aion vBulletin forums  
*[ PHP, MySQL, SOAP ]*

## **Web Application Developer**

NCsoft

Austin, TX

May 2007 — November 2008

- Defined and implemented four tier development process  
*[ Linux (CentOS), Perforce, P4Web, Perl, Bash ]*
  - Set up and maintained code management server that supports concurrent development of over a dozen websites by team of developers
  - Implemented virtualization of content in development, integration, and staging phases
- Developed web publishing tool  
*[ PHP, MySQL, Memcache ]*
  - Authentication and access level management was accomplished using LDAP with corporate Active Directory accounts
  - Manages movement of code from Integration to Staging to Production
  - Drastically improved the integrity of our web publishes
  - Created accountability through user action logs and alerts
- Designed clan management web application for MMO game  
*[ PHP, Smarty, MySQL, SOAP ]*
- Created character and clan information site for MMORPG  
*[ Perl, PHP, MySQL, Memcache, XSLT ]*
- Migrated seven high traffic community forums from UBB to vBulletin  
*[ PHP, Perl, MySQL ]*

### **Web Developer**

NCsoft

Austin, TX

April 2005 — May 2007

- Created Flash mini sites  
[ *Flash, ActionScript 2.0, JavaScript, PHP, MySQL, XML* ]
- Developed websites for NCsoft games in North America and Europe  
[ *PHP, HTML, JavaScript, CSS, Photoshop, Movable Type* ]

### **Web Developer & Web Server Administrator**

Freelance

Longview, TX

January 1998 — April 2005

### **Web Developer & Linux Administrator**

Computer Parts and Upgrades

Longview, TX

1999 — 2004

### **Computer Technician**

Computer Parts and Upgrades

Longview, TX

1997 — 1999

### **Dial-Up Support Technician**

Network Internet Services

Longview, TX

1996 — 1997

## Education

Texas State University-San Marcos

**BS Computer Science, Mathematics** , 2005 — 2009 | GPA 3.46 / 4.0

*I was relocated to Washington with three courses remaining: lab science, Spanish II, upper level Math elective*

The University of Texas at Austin

**Mechanical Engineering, Computer Science**, 2003 — 2004

*Transferred to Texas State for evening Computer Science program*

## Side Projects

### **Super Block Stack, Android Game**

September 2010 — October 2010

Published a Tetris clone for Android written in Java using the Android SDK

<http://sites.google.com/site/superblockstack/>