

Paige Thompson

SOFTWARE ENGINEER · SYSTEMS ENGINEER

6520 28th ave S. Seattle WA 98108

☎ (+1) 206-946-2468 | ✉ paigeadelethompson2019@gmail.com | [in paige-thompson-520161178](https://www.linkedin.com/in/paige-thompson-520161178)

Technologies

Programming	C, Python, Ruby, PHP, C#, Java, LINQ, Powershell, MySQL, MSSQL, Javascript (DOM, JQuery, Node.js), JSON/XML, LaTeX
IDEs	Emacs, Vim, Visual Studio, TFS, GIT, SVN
Command-line scripting	Zsh/Bash, GNU Parallel, sed/awk, jq, XPath, pcre, cpio/tar, rsync, par2
Web	JQuery, Highcharts.js, ASP.NET, SOAP/WCF/WSDL, WebRTC, react.js
Operating Systems	Windows Server, Gentoo Linux, CentOS/RHEL, AMZL, Debian, Ubuntu, NixOS
Virtualisation	KVM/QEmu/libvirt, openvswitch, Vagrant, Docker
Networking	TCP/IP, IPv6, radvd, PowerDNS, WRR-DNS, OpenVPN, L2/L3 tunneling, socat, tcpdump, iptables, iputils
AWS	S3, EC2, IAM, Route53, CloudFormation, Certificate Manager, SNS, SQS, Beanstalk, ELB, Cloudfront, RDS, Lambda, CodeCommit, CodeDeploy, X-Ray, Cloudwatch, Cognito, aws-cli/boto
Other	Nagios, Cactii, Munin, Riak, Percona XtraDB, NGINX, Apache, CyrusIMAP, amavisd, GRSec, SELinux, Squid, haproxy, iSCSI, mdadm, btrfs, ZFS, LUKS, OpenSSL, systemd, EFI, iPXE, tftpd, ISC BIND / DHCPd, Chef, NFS, Samba

Experience

Amazon Inc. - Simple Storage Services

SYSTEMS ENGINEER LVL. 4

Seattle, WA

May 2015 - Sep 2016

- Assisted in the build-out and deployment of new load balancing capacity for S3

ATG Stores Inc.

SOFTWARE ENGINEER

Kirkland, WA

Jan 2014 - May 2014

- Developed applications in .NET for the internal tools team
- Assisted in porting several legacy applications using Microsoft GP from VB to C#
- Worked with the website team on backlog items

ConnectXYZ LLC.

SYSTEMS ARCHITECT / SOFTWARE ENGINEER

Woodinville, WA

Mar 2012 - Jun 2013

- Built deployment automation with Opscode Chef, PHP 5, HAProxy, nginx, Percona XtraDB cluster, Couchbase in Rackspace
- Assisted in the development of a scalable, cloud-based inventory management system written in PHP and JavaScript

Acronym Media Inc.

SOFTWARE ENGINEER

telecommute

Jan 2011 - Mar 2011

- Assisted in the development of an analytics platform using PHP Symfony, Highcharts.js, MySQL/Propel

The Branning Group

SOFTWARE ENGINEER

telecommute

Jan 2010 - May 2010

- Site maintenance and development for several clients in PHP / MySQL / Javascript

Onvia Inc

SOFTWARE ENGINEER

Seattle, WA

Nov 2008 - Mar 2009

- Worked with C#, LINQ, MSSQL, LINQ-to-SQL, WCF, and WPF to develop a data migration platform used transitionally to move data from an older SQL 2000 database to a newer production environment

Zion Preparatory Academy

SYSTEMS ADMINISTRATOR

Seattle, WA

Dec 2007 - Mar 2010

- Managed Active Directory, Exchange Server 2007, accounting software, networking, and security for a small 100 user K-6 school
- Migrated and managed mail services on the Google Apps platform for many accounts

Seattle Software Systems

SOFTWARE ENGINEER / SYSTEMS ADMINISTRATOR

Seattle, WA

Oct 2005 - Mar 2007

- Developed an inventory management application on PalmOS 4.x in Metrowerks CodeWarrior for a Symbol SPT 1846 PalmOS-based PDA in C/C++
- Worked with Java, PHP, HTML, CSS, and JavaScript for several of Seattle Software System's clients

Progressive Solutions Content Renderer

[Gitlab](#)

AUTHOR

- Source: https://gitlab.com/netcrave/pscr_core
- Screenshots available in README.md
- An extensible object oriented PHP framework written from scratch
- Packaged with Composer: https://gitlab.com/netcrave/pscr_base
- Used for several private projects as well as <https://yourstruly.sx>

nMVC

[Gitlab](#)

AUTHOR

- Source: <https://gitlab.com/netcrave/nMVC>
- An MVC framework written from scratch in C# (No ASP.NET)
- Features a built-in webserver, session persistence abstraction layer, and modularization for developing web applications
- Minimal external dependencies, and can compile on .NET core, Framework, or Mono CIL
- Use case: <https://gitlab.com/netcrave/NetcraveBot>

Cerulean

[Gitlab](#)

AUTHOR

- Source: <https://gitlab.com/netcrave/cerulean>
- Basic WebRTC conferencing (React.js / SimpleWebRTC / Redux.js)
- Uses the TURN protocol for symmetric / asymmetric NAT traversal

IRC Log Viewer

[Gitlab](#)

AUTHOR

- Source: https://gitlab.com/netcrave/irclog_viewer
- Screenshots available in README.md
- My first React.js Project
- Uses rc-tree and infinite scroll to implement a ZNC IRC log viewer

My Blog

<https://paigeat.info>

AUTHOR

- Source: <https://gitlab.com/netcrave/paigeat.info>
- Screenshots available in README.md
- Written in Django
- Includes a dockerfile and is automated with Terraform

cpsumon

[Gitlab](#)

AUTHOR

- Source: <https://gitlab.com/netcrave/cpsumon>
- Current Maintainer
- Linux software for controlling and reading data on the Corsair Ax1200i powersupply using it's UART-to-i2c dongle

Netcrave Communications

<https://yourstruly.sx>

OWNER

1999 - Present

- Shell account hosting
- E-mail / Exchange hosting: <https://mail.yourstruly.sx>
- Docker hosting
- FreeBSD / OpenBSD hosting
- Infrastructure diagram: <https://gitlab.com/netcrave/diagrams/blob/master/netcrave.png>

Education

Bellevue Community College

Bellevue, Washinton

SOFTWARE ENGINEER

Jan 2005 - May 2006

- Left early to pursue an a career opportunity