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**Current Position**

**Product Development Engineering & IT Developer at Hewlett Packard Enterprise in Austin, TX** providing support and new features and integrations for our build and deployment solutions that are used Enterprise-wide by thousands of employees.

**Find me on:**

[Linkedin](https://www.linkedin.com/in/anthony-couvion-80591176/)

[Github](https://acouvion.github.io/)

[Facebook](https://www.facebook.com/BigCoov)



# PROFESSIONAL SUMMARY \_\_\_\_\_\_

Highly motivated young software engineer with a strong background in the build and deploy process utilizing a DevOps-oriented mindset to improve and implement the CI/CD pipeline for multiple business level solutions. Advanced time management, interpretation, reading and writing skills. Meets any project deadlines on time, meeting all expectations throughout the process. I have three years of experience with the world's largest IT organization, developing solutions using many technologies, for teams all over the globe.

For **more information** and to get to know me better, please visit my Linkedin account or Github page found using the links at the top of my resume.

# TECHNICAL SKILLS

* System Administration and development in Linux environments.
  + Managed multiple Linux servers using a variety of distributions such as RHEL, Ubuntu, Debian, and CentOS.
  + Excellent experience with building and maintaining enterprise level applications.
* Strong scripting and automation skills.
  + Experience developing custom tools, automating deployments, and maintenance tasks using Electric Commander, Nagios, html, Java, Python and Bash.
* Strong application development skills.
  + Experience developing web applications and server side applications with asp.net, JBoss, and weblogic, and front-end development with JQuery, XML, HTML, and CSS.
* Knowledge of configuration management toolsets.
  + Understanding of Chef and Puppet.
* Extensive experience developing in a ChatOps environment.

o Experience with Flowdock, Slack, and Discord.

o Setup a Hubot integration for Smartbear’s Collaborator to allow for the utilization of Collaborator commands through Flowdock

* Knowledge of cloud orchestration and provisioning.

o Experience provisioning and developing applications with OpenStack, VMWare, AWS, and Docker.

* Strong knowledge of source control technologies and methodologies.

o Extensive experience with Git and Subversion.

* Experience with database technologies and building database applications.
  + Database management experience for enterprise level applications with MSSQL, PSQL and Oracle.
  + Experience developing custom tools and applications using MSSQL, MySQL, and MongoDB.
* Knowledge of monitoring and server metric analytics tools.
  + Experience creating monitors for services using Nagios.
* Knowledge of compiled languages including C, C++, and Java.
  + Experience maintaining SOAP API based applications using Java.

**Aditional Detail**

**Enterprise Source Code and management Hosting**

* Github enterprise Admin
* Collabnet Teamforge Admin
* Wandisco Multisite Engineer
* Nagios Primary Admin

**Enterprise Build and Deployment Solutions**

* Smartbear: Collaborator Primary Admin
* Sonatype: Nexus primary Admin
* Electric Commander/Flow Admin
* CRIS Admin
* JFrog Artifactory assistant

**Technologies**

* OpenStack, VMware, VirtualBox, Vagrant
* Microsoft Office Suite (Word, Excel, PPT, etc…)
* LDAP/Windows AD
* ServiceGuard/Symantec Veritas Clustering
* Software development lifecycle SDLC (SDLCM management tool)
* Chef and Puppet

**Operating Systems**

* Redhat
* CentOs
* Fedora
* Ubuntu
* Other Linux
* Windows (Workstation and Server)
* Raspbian
* Debian: Wheezy

**Competencies with 100% confidence**

* jQuery
* Bootstrap
* Powershell
* Spring
* Eclipse
* JBOSS
* Apache Tomcat
* Subversion
* Git
* CSS
* TACL
* TIDAL
* GitHub
* GitHub Enterprise Appliance Terminal
* Markdown
* NPM
* Go

**Languages/Applications**

* Shell/Linux
* Python/PIP
* Java
* TestNG/JUnit
* C#
* HTML/PHP
* Javascript
* Perl
* Web Services
* Markdown

**Workstreams**

* Application
* Infrastructure
* CI/CD Pipeline
* Monitoring
* Analytics
* Testing

**Conceptual**

* Technical document and presentation writing
* Inner Source and Social Coding mindset
* Agile
* DevOps
* Branding and Marketing

**Database**

* Microsoft SQL Server
* Oracle
* mysql
* mongodb
* PostgreSQL

**WORK EXPERIENCE**  **Hewlett-Packard Enterprise** - Austin, TX August 2014 - Present

Research and Development Engineering IT – Build and Deploy Architect GitHub Enterprise Administrator at Hewlett Packard Enterprise. o Responsible for administration and support of GitHub Enterprise for all of HPE which services over 15K developers across the world and contains over 25K Git repositories.

* + Set up automated health monitoring and developed an integration with Nagios to alert Flowdock for critical service failures with GitHub Enterprise.
  + Developed and maintained automated upgrade process using Ansible as part of GitHub Enterprise upgrade pipeline.
  + Developed and maintained on demand automated testing suite in OpenStack private cloud for GitHub Enterprise upgrade pipeline. Automated Docker based Selenium wrapper test execute framework. This included turning on the cloud server, Docker Compose grid provisioning, tests execution, output redirection into easy to read HTML report, and environment teardown.
  + Developed Hubot integration to query GitHub Enterprise for user, repo, and organization reports and upload to the chat. Added functionality to further process reports against LDAP for additional user information.
  + Developed custom tools for HPE spinoff separation at the user, organization, and repository levels. o Developed a repository migrations tool integrated with Hubot that processes a list of repos, creates a bundle with all the repos, and copies it over to the target servers.
  + Developed extensible Hubot framework to execute selected list of tasks remotely on our GitHub servers. o Created support pages and documentation for onboarding and training of HPE GitHub Enterprise users.
  + Automated Gerrit Code Review instance installation and configuration to integrate with GitHub Enterprise. Created documentation on integration steps for already existing Gerrit instance for teams that had highly Gerrit integrated workflows but wanted still wanted to onboard to GitHub Enterprise.
  + Participated as one of the leaders in the Social coding training effort along with GitHub for HPE IT “Digital Revolution” with the incentive of promoting Social Coding, inner source collaboration, and breaking down silos within the company.
* Collabnet TeamForge Administrator at Hewlett Packard Enterprise. o Responsible for administration and support of Collabnet TeamForge for all of HPE which services over 10K developers across the world and contains over 20K Git and Subversion repositories.
  + Providing support and advice on best practices for SCM and helping teams integrate with continuous integration and delivery pipelines. o Created Nagios monitoring scripts for the application’s services and Grafana dashboards for real time performance metrics.
  + Created Subversion replication utilities to verify repository replication synchronization across all subversion servers and automated service restart in the case of failure.
  + Automated generation and installation of SSL certificates for all application production servers.
  + Developed integrations with Hubot to be able to query user reports on demand from our application database and added functionality to further process reports against LDAP for additional user information.
  + Reassigned IP addresses and domain names for Collabnet TeamForge environment during the HPE and HPI split with minimal downtime. This included 14 test servers and 56 productions servers.
  + Developed custom tools and strategy to optimize the migration of over 10K repositories (30TB in data) during the HPE and HPI Company split.
  + Reinstalled Collabnet TeamForge Git/Gerrit for servers that were corrupted in our test environment on the third week of work.
* WANdisco Multisite Subversion deployment architect. o Researched WANdisco Multisite Subversion as replacement for Collabnet Teamforge Subversion for HPE.
  + Collaborated with WANdisco engineers to plan and implement the POC deployment for HPE.
  + Leading a small team of deployment Engineers to build out the test and production environments that will scale for the company’s thousands of developers globally.

# EDUCATION \_\_\_\_\_\_

**Angelo State University – San Angelo, TX** – Bachelor of Science, Computer ScienceGraduated Spring 2014 Studied Data Structures, Computer Architecture, Operating Systems, Android Development, Object Oriented Programming, Algorithms & Complexity, Software Engineering, Database Management, Computer Networks, Wireless Networks, Artificial intelligence, Compilers, Machine language, Computer Ethics, and Video game design/development.

* Learned about best software development techniques and practices used in the industry.
* Learned how to program in many languages including Python, Java, C, C++, Shell, Objective-C, JavaScript, CSS, and HTML.
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* Describe some classwork

# ADDITIONAL INFORMATION

**Other Skills:** MS Word, Excel, PowerPoint, Outlook, Adobe Photoshop, Premiere Pro, After Effects, Windows, Mac OS

**Certifications:** Certificate in Video Game development, Udemy Github Mastery

**Interests:**

**Work Eligibility:** Eligible to work in the U.S. with no restrictions