

# Ashton Hellwig

## contact

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in ahellwig

## programming

**Shell:** sh, pwsh

**Scripting & Data:** Python, R, MATLAB

**RDB:** SQL, MySQL, Hive, TeraData

**DODB:** MongoDB, MariaDB

**Mainframe:** COBOL, JCL

**Web:** JavaScript, PHP, Vue, Angular, React

**JVM:** Clojure, Scala, Java

**System:** C/C++/C#, Rust

**Docs:** L<sup>A</sup>T<sub>E</sub>X

## operating systems

Arch Linux, RHEL

IBM z/OS

Windows (+Server)

Solaris

\*BSD

## cloud

AWS

Azure

IBM/BlueMix

GCP

## tools

Agile

Citrix + XenApp

Avaya + Cisco

SalesForce

jQuery

G-Suite

Git/SVN/Mercurial

Bitbucket + Jira

MS Office 365

SPSS/SAS/WMI

(S)FTP

Apache

Hive, Teradata, MSSQL

## experience

- 09.23–Now **TAKKION** Broomfield, CO  
*IT Cloud Developer* Migrate on-site hosted data to the cloud. Implement automated account provisioning on Microsoft Azure Entra ID through Paylocity's API with Azure functions and webhooks. Develop offline-first PowerApp for on-site technician reporting.
- 07.22–09.23 **American Express** Phoenix, AZ  
*Python & SQL Developer*  
 Migrate massive dataset from Teradata to Hive and ensure 1:1 mapping of rules and regulatory reports through TSQL to Hive SQL. Utilize Azure, JFrog, and Jira for CI/CD. Written a Python package to pull HiveQL Query results and format them using a personally written Python package for CornerStone to convert the data into XML format for reporting requirements as requested by FR, MX, IT, and NL.
- 06.22–12.22 **Aimm Online & Talking App Kit** Denver, CO  
*Artificial Intelligence Developer*  
 Utilize Swift to port iOS version of Talking App Kit (the back-end behind Aimm Online (An AI-driven dating application) to the web using locally-hosted APIs. Azure for automating builds and approval pipelines.
- 04.22–06.22 **LongPath Technologies** Denver, CO  
*Software Engineer*  
 Front end developer focusing on Flutter, Kotlin, Angular.js, Next.js, TypeScript, .NET, MongoDB, CI/CD. This involved both a web application with accessibility for viewing on various devices as well as a native Android and iOS application used by our clients. We created a system which utilizes lasers to measure and report the levels of emissions emitted. Utilize Azure for CI/CD and app delivery.
- 04.21–04.22 **Clear Cannabis Inc.** Denver, CO  
*Jr. Systems Developer*  
 PHP, .NET and C# backend engineer developing applications for internal and licensee use as well as support SalesForce/Accumatica/Locate ERP API and WebHook-based customization. PostgreSQL, MariaDB, and Redis used for data operations and storage. Refactored web server using Clojure to utilize concurrency and increase speed for the end users. Develop CI/CD pipelines within Azure and Jira for delivery of industry specific tools and scripts to facilitate easier reporting.
- 05.20–04.21 **Wolfpac Cannabis** Denver, CO  
*Inventory & Compliance Manager, SWE*  
 Ensure compliance with the Colorado Revised Statues, DOR Compliance Tips and state + local laws and maintain "Seed-to-Sale" tracking of regulated marijuana product. Develop automated software solutions through scripting and REST APIs for communication between the Point-of-Sale system and the state's tracking system: METRC. Utilized Redis and MySQL for customer and sales data. Host PowerShell scripts to increase the ease-of-use for managers to report to the state entities responsible for regulation.
- 10.18–05.20 **Igadi, Ltd.** Lafayette, CO  
*IT Systems Administrator, Compliance Officer*  
 Ensure compliance with the Colorado Revised Statues, DOR Compliance Tips and state + local laws. Extensive experience with Azure SQL Server for customer purchase data analytics across 6 stores.
- 07.17–10.18 **International Business Machines Corp. (IBM) // State Street Investment Bank** Boulder, CO  
*Global Technology Services: Solutions, Del, & Transf.* Responsibilities:
  - Deploy and maintain applications and VDIs for Windows 10 and Ent. Server
  - z/OS Mainframe Operations utilizing DB2
  - Act as "Linux Focal" and lead complex resolutions for RHEL systems
  - Use proprietary python robot framework software to test electrical Internet of Things (IOT) units