# Ian Stephenson

LinkedIn | GitHub

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## CLOUD AND DEVOPS SOFTWARE ENGINEER

I am a Cloud Platform and DevOps focused Software Engineer who is passionate about empowering engineering organizations through **Cloud Platforms**, **Internal Tooling**, and **Automation**. I am highly experienced in **Python**, **Terraform**, and **AWS**.

## TECHNICAL SKILLS

| | | |
|---|---|---|
| **Languages** | : | Python, Go, Java, C++, Ruby, Scheme, Bash, HCL |
| **Libraries** | : | Django, Flask, Rails, Spring, Boto3, Click, CDK for Terraform, Pulumi |
| **Cloud** | : | AWS, ECS, Lambda, Terraform, CloudFormation, Docker |
| **Tools** | : | Git, GitHub Actions, Jenkins, REST APIs, Postman |

## EXPERIENCE

**Cloud Engineer**                                                                                                      June 2022 – Present
*Chewy*                                                                                           *Remote – Dallas, TX and Boston, MA*

- Standardized and upgraded **Terraform** for over 100 applications that support Chewy's core shopping experience as part of an internationalization effort, enabling access to a total addressable market of over $1 billion in Canada.
- Designed and implemented new **Terraform** modules to support Internationalization standards, with a focus on end user readability, region agnosticism, and ease of maintainability.
- Owned and lead the development of a command line utility to automate the generation of **Terraform** moved blocks and code snippets to migrate application teams IaC to use the latest generation modules, cutting hands on keyboard time required for upgrades from 1 week to about 1 hour with zero downtime.
- Engaged in operations and on-call support for **AWS** related incidents, and consulted on cloud architecture questions.
- Earned a promotion to Cloud Engineer II.

**Software Engineer Intern**                                                                                      June 2021 – Aug 2021
*American Express*                                                                                                 *Remote – Phoenix, AZ*

- Created a **REST API** endpoint with **Spring** to automate security token retrieval used in API testing with **Postman** that removed a manual step for about 40 developers and improved testing efficiency by about 3 minutes.

## EDUCATION

**Texas A&M University**                                                                                          College Station, TX
*Bachelor of Science in Computer Science, Minor in Cybersecurity, Magna Cum Laude*                      *Aug 2018 – May 2022*

## PROJECTS

**PyHCL Fancy**                                                                                      GitHub | PyPI | Read the Docs
*Python, Terraform*

- Built an **open-source** parser for Terraform that generates a tree structure to represent a Terraform project.
- Published the project to PyPI and added Read the Docs documentation to the project.

**Table Tennis Info Tracker**
*Ruby on Rails, Docker, AWS*

- Owned the **GitHub Actions** CI/CD pipeline to lint, run unit and integration tests, and deploy updates to test and production environments.
- Developed a CI/CD deployment plan to build containers in **ECR** and deploy to **Fargate** in multiple environments.

## CERTIFICATIONS

- AWS Solutions Architect - Associate