

Dave Kujawski

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Professional Summary

Senior Cloud & Infrastructure Engineer with 15+ years of experience designing scalable systems, developer tooling, and CI/CD pipelines across cloud, SaaS, and high-performance computing environments. Strong contributor to open-source platforms including HashiCorp's Terraform AWS Provider. Recent focus on developer productivity, TypeScript API development and GitHub Actions automation. Known for cross-functional collaboration, technical mentoring, and building reliable, elegant engineering solutions.

Technical Skills

Languages: Go, Python, TypeScript
Platforms: Linux, macOS, Windows
Aws: Lambda, S3, EC2, Step Functions

Devops: GitHub Actions, Terraform
Containers: EKS, Kubernetes, Docker
Data: Redis, MySQL, AWS DynamoDB

Professional Experience

Senior Cloud Engineer / Dev Productivity Engineer
Fox Corporation

Dec 2019 – Present
Remote (Chandler, AZ)

- Built reusable GitHub Actions pipelines, replacing legacy Jenkins and onboarding 10+ services
- Extended existing deployment API with Node.js, Prisma, and OpenAPI for streamlined service integration
- Led "Boilerplate Initiative" defining repository standards and developing Python API/CLI tools for managing IaC repository layouts across hundreds of repos; collaborated with software architect and led team of two developers
- Developed CUR pipeline with AWS Glue/Athena; improved report latency and clarity
- Maintained CLI tools and upgraded internal Python libraries
- Mentored junior engineers and worked within SAFe agile processes to improve sprint velocity and accountability

Software Developer
Artella

Jan 2015 – Dec 2019
Remote (Emeryville, CA)

- Migrated existing platform from ColdFusion to modern SaaS stack using Go, Redis, and RabbitMQ
- Built and maintained CLI tools to manage data migrations and upgrade Python libraries
- Built video encoding pipeline service with FFmpeg (Go), to process uploaded animation footage and enable frame-accurate playback
- Created Elasticsearch-based search engine for collaborative production tooling

Dir. of Software Dev / Sr. Software Engineer
Animation Mentor

Feb 2014 – Jan 2015
Emeryville, CA

- Led backend development for Artella platform, including MVP architecture and integration planning
- Met with stakeholders to define product requirements, scope, and integration strategy

- Transitioned auth stack from Python/Redis to Go/Vault for secure token handling
- Migrated infrastructure provisioning from Jenkins+Chef to SaltStack for better reliability
- Manage development team consisting of 3-5 engineers, set goals, conduct performance reviews, and mitigate conflict

Production Eng. Lead / Engineer
Weta Digital

Jan 2009 – Dec 2013
Wellington, New Zealand

- Partnered with CTO and department heads to identify technical debt and align development initiatives with organizational objectives
- Led team of 10-15 developers building asset management APIs and render-farm automation tools
- Led technical recruitment efforts including candidate interviews, internship program management, and strategic hiring initiatives
- Refactored legacy systems into modular services; reduced instability and improved runtime visibility
- Supported production pipelines on films including Avatar, The Hobbit, and Tintin

Software Developer
Tippett Studio

May 2007 – Jan 2009
Berkeley, CA

- Built PyQt UIs for viewing/editing proprietary VFX formats; improved artist efficiency
- Created Boost.Python bindings for C++ tools, enabling their use across production pipelines
- Managed and optimized large-scale render farm operations using custom CLI tools and queueing software
- Contributed at the original stop-motion studio founded by Phil Tippett

Film Credits

IMDb Profile: <https://www.imdb.com/name/nm2702309/>

- | | |
|---|---|
| • Cloverfield | • The Adventures of Tintin ^[3] |
| • Avatar ^[1] | • The Avengers ^[2] |
| • Rise of the Planet of the Apes ^[2] | • The Hobbit (Parts 1 & 2) ^[2] |

Film Credit Notes:

1. Academy Award for Best Visual Effects
2. Best Achievement in Visual Effects (Nominee)
3. Golden Globe Award for Best Animated Feature Film

Open Source Contributions

Terraform AWS Provider – HashiCorp

- [#19741](#) Improved DXGateway proposal lifecycle
- [#20777](#) Support aws_s3_object_lambda_access_point_policy
- [#27223](#) Support aws_mediaconnect_gateway
- [#27238](#) Support aws_mediaconnect_flow_entitlement

AWS Okta – Segment

- [#1](#) Improved Go build support for Windows

Splunk AWS Project Trumpet

- [#15](#) Migrated to Python 3

Education

BS

The Art Institute of California - San Francisco

2007

Visual and Game Programming