

Tim Bailey-Jones



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Profile

Hands-on software developer & cloud engineer seeks a role on a product development team that can benefit from my wide-ranging expertise in Linux, AWS, GCP, K8S, frontend, backend, and DevOps. Remote from Florida.

Work Experience

01/2021 — PRESENT ATLANTA, GA, US

Cloud Engineer

McKinsey & Company

McKinsey is a global management consulting firm founded in 1926.

- Developed automated build, deployment and security pipelines for Matter Foundations (MF), our Cloud Foundation product for all three clouds.
- Performed E2E testing spanning 30 MF repos.
- Updated documentation for deployment guide.
- Paired with and mentored junior developers.
- Contributed to the AWS and GCP versions of MF.

05/2020 — 01/2021 ATLANTA, GA, USA

DevOps Engineer

CandidPartners.com

Candid Partners was a cloud consulting firm that was acquired and renamed Cloud by McKinsey in January 2021.

- Made dozens of improvements to AWS microservices for a Payment Gateway client.
- Wrote python/boto script to migrate RDS databases from one engine to another, with minimal downtime and no data loss.
- Implemented parts of ELMA (Enterprise Logging, Metrics & Analysis), a serverless AWS-native logging application, for a prominent public-sector client.

07/2017 — 05/2020 RESTON, VA, US

DevOps Automation Engineer

Stelligent Systems

Stelligent was an engineer-driven AWS Advanced Consulting Partner solely on DevOps CI/CD on AWS.

- Consulted with clients about technical and organizational DevOps practices.
- Contributed new features to open source tools like Stelligent mu (microservices in AWS).
- Conducted training sessions for client development teams on CI/CD topics, automated unit tests.
- Wrote technical articles for internal and external audiences.
- Implementation of repeatable, resilient CI/CD pipelines for applications and infrastructure.

Skills

Cloud Technologies:

- Linux (Debian/Ubuntu, RedHat/Amazon/Centos)
- Shell Scripting (bash/zsh), on-prem system admin.
- AWS - 3 certs (Sol. Arch., DevOps Pro, Developer Assoc.)
- Google Cloud Platform (Prof. Architect Cert. 11/2023).
- Terraform / OpenTofu (AWS, GCP, Azure)
- Docker / Kubernetes / GKE / AKS
- Python / boto3

Programming Languages / Frameworks:

- GoLang (APIs, RDBMS work, containers/lambda)
- Node / Express (used for AWS lambda, CLI programs)
- Java (1.x through 1.8, command line, servlets, JDBC)
- C, C++ (Linux / commercial Unix)
- PHP / ColdFusion (side client: gotonight.com)
- JavaScript, Typescript, including ES6/ES7

User Interfaces:

- HTML / CSS, React, bootstrap, MaterialUI
- Text-based CLIs, ncurses, and X11/Gtk/Qt XWindows

Databases:

- AWS RDS, AWS Aurora, GCP CloudSQL
- SQL: Postgres, MySQL, SQL Server, HP Vertica, Oracle
- NoSQL: DynamoDB, MongoDB, Memcache/Redis

Hobbies

I play many genres of music on brass in small ensembles, concert bands, orchestras and a Dixieland Jazz Band.

Publications

My AWS Articles @ Stelligent

<https://stelligent.com/author/timbaileyjones/>

Full Resume back to 1992

<https://linkedin.com/in/timbaileyjones>

TimCodes (my blog)

<https://timcod.es>

Social Media

