Vincent Bundage II

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PROFILE

I am a software engineer based in Salt Lake City, Utah. I have several years of experience in full-stack engineering using JavaScript, TypeScript, Golang (Go), PostgreSQL, MongoDB, AWS, GCP, Docker, and React. I co-created Pilot, an open-source multi-cloud framework that provisions an internal PaaS for deploying applications.

EXPERIENCE

Co-Creator & Software Engineer, *Pilot* ⤢   2021 – present
https://pilotframework.com/
- Designed, prototyped, and built Pilot using Node.js, Amazon Web Services, Google Cloud Platform, Terraform, and Waypoint
- Implemented a Docker server to execute image builds and pushes from containers
- Contributed to automating AWS infrastructure deployment and teardown of Pilot server resources
- Led creation of Pilot's Waypoint Docker image to handle custom plugins and dependencies
- Researched and developed custom Waypoint plugins utilizing Go and gRPC protocol buffers
- Worked with AWS and GCP SDKs alongside gcloud to facilitate custom plugin operations to automate the deployment of front-end assets on either cloud provider's CDN solution
- Designed and implemented an Amazon RDS instance for connecting AWS deployed applications to a Postgres database using subnets and routing tables
- Contributed to CLI tool for Pilot setup, configuration, application deployment, SSH access, and teardown.
- Led manual testing of internal PaaS components and lifecycle of deploying applications to ensure expected functionality
- Troubleshooted issues impacting application deployments by malicious actors and prevented with a security group or firewall rule
- Co-authored a technical case study (https://pilotframework.com/case-study.html) exploring Pilot's design decisions, challenges, and architecture

Application Support Engineer, *Netflix*   2019 – 2020
- Led product improvements by gathering user stories and pain points documented through Jira and escalation with Senior DevOps Engineers, Senior Product Reliability Engineers, and Senior Software Engineers.
- Tested, documented, and performed root cause analysis on issues in web applications pertaining to video encoding, dubbing, artwork assets, and content deployments.
- Participated in outage handling, messaging to end-users, and incident management

Software Engineer, *Self-Employed*   2019 – 2021
- SpecBin: Generates endpoints for receiving and analyzing webhooks. Deployed on a DigitalOcean droplet behind Nginx. (React, Node/Express, Redis)
- Mello: Trello clone to create Kanban boards for collaboration. (React/Redux, Node/Express, MongoDB, Mongoose)
- Airlines: Display airline routes using sample data with filter functionality. (JavaScript, React)

SKILLS

Languages
JavaScript, TypeScript, Go, SQL, HTML, CSS

Frameworks
Express, React/Redux, Node, Handlebars, Pug, jQuery

Technologies
Docker, Git/GitHub, HTTP, REST APIs, Cloud Native Buildpacks, PostgreSQL, MongoDB, Terraform, Waypoint, Jira, Confluence, VMWare

Cloud Technologies
ECS, ECR, S3, IAM, VPC, ALB, EC2, CloudFront, RDS, Cloud Run, Google Cloud Storage, Container Registry, Cloud CDN, Compute Engine, Cloud SQL, Heroku, DigitalOcean

CERTIFICATIONS

- Information Storage and Management ⤢
- Implementation Engineer, Dell EMC Unity ⤢
- VMware vSphere 6.7 Foundations ⤢

EDUCATION

B.S. Computer Science, *Southern Utah University*   2011 – 2015