

Dustin Morgan

That guy who can learn to do anything with a computer



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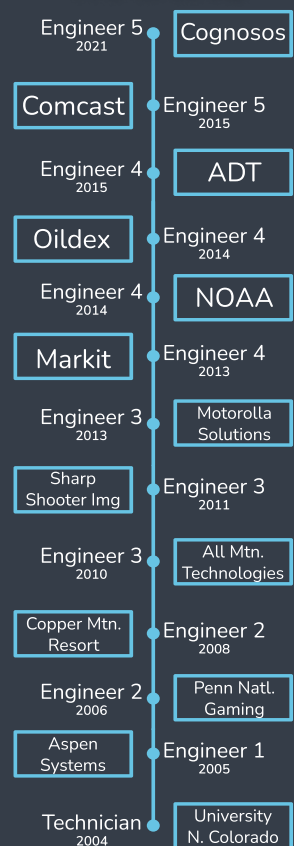
github.com/swizzley

10YR

Over a decade of professional software development experience. 18 years of technical overall training. More than two decades coding. A career spent on the bleeding edge of technology. Working remotely at scale, reliably, and securely.

My goal is simple, to become the best that I am capable of being. In work that means learning as much as I can as deeply as I can and applying or sharing that knowledge as effectively as possible.

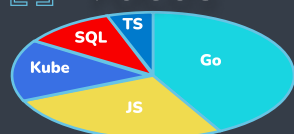
TRAINING



APTITUDE



FOCUS



Cognosco

- Build a backend webapp to allow the customer facing side of the house to manage customers' data as part of providing that extra level of service for customers. Resulting in a significant reduction of developers in SQL consoles.

Go, TypeScript, React, Kubernetes, Helm, Docker, Cognito, MySQL
- Created a message simulator for spoofing GPS data to test the core platform functionality. It encodes and encrypts using proprietary methods before sending.

Go, Kafka, API Gateway, Elasticsearch
- Rewrote the essential middleware library for the core technology of proprietary radio signal decoding from Scala to Go, using the C++ firmware as reference.

Go, C++, AES
- Built lambda functions to fulfill custom feature requests. Customers would typically request custom behavior added to specific zones they had configured.

Python, Serverless, Lambda, MySQL
- Rewrote API documentation for existing monolith application using Swagger with resulting in an interactive and self-documenting API. Contributed to this monolith with bug fixes and additional features. It's the core product of the software ecosystem. Currently in the process of migrating it to a microservice architecture.

Groovy, Grails, MySQL, Cognito, Kafka, Elasticsearch, SageMaker, EC2, ELB, SNS, API Gateway
- Made minor improvements to and performed maintenance on the core customer UI app. Introduced automated testing using the Cypress framework. Converted CI pipeline from CircleCI to Jenkins. Re-wrote parts of the menu and fixed bugs.

TypeScript, React, MaterialUI, Tailwind, Cypress, CloudFront

Comcast

- Created a webapp portal for Business Intelligence with meta data search functionality. Consolidating multiple commercial analytics platforms into a single plane of access for hundreds of daily users composed primarily of leadership through Single Sign-On using either embedded charts or iframes. Offering a central hub of multiple operations, management, development and analytics team's data.

Go, JavaScript, Oracle, OBIEE, Elasticsearch, Tableau, MS BI, Azure SSO, Graphana, Concourse, CloudFoundry, Python, Jupyter notebook, Terraform, Sveltestrap, AnyChart
- Created a webapp for automating the consolidation and verification of Pii and meta data for thousands of applications. It is used for legal compliance to new privacy laws. It has a robust self documenting interactive API for sending and receiving data from multiple platforms and systems, Single SignOn, and authorization scopes and roles. It has automated feeds to legal, security, CMDB, ServiceNow, and robust code quality integration in a fully automated highly available, geographically distributed environments. Its UI is server rendered in Go.

Go, JavaScript, Kubernetes, Oracle, Jira, Elasticsearch, Mongo, Vmware, Azure SSO, Concourse, Docker, CloudFoundry, Multiple Proprietary APIs, Bootstrap
- Created webapp for staff augmentation for quarterly project capacity planning. The app provides charts and calculations for employees based on role, location, with multiple organizational dimensions. Allows for management to accurately evaluate project velocity, and adjust as needed based on man hour capacity and estimated project t-shirt size.

Go, JavaScript, Svelte, Cypress, CloudFoundry, Oracle, AnyChart, Azure SSO, Workday, Jira, Rally
- Made a tool that would automatically sync up active directory security groups with platforms lacking active directory integration.

Go, Active Directory, Tableau, OBIEE
- Created an open source tool converting monolith svn repositories to github repos with submodules. Supports authentication, tags, branches and multithreading.

C++, Perl, Bash, Svn, Github, rpm, deb
- As part of a Brown Belt in Application Security, created a service that read from the vulnerability scans data and automatically created and assigned user stories to the applicable owners for scheduling and remediation with preloaded solutions.

Go, Oracle, Jira, Rally, Vagrant, Ruby, Vmware
- A project manager application for measuring risk of large scale projects keeping on schedule. Its' use was for quarterly planning and goal setting among domains.

Go, React, Oracle, CloudFoundry
- Designed and implemented a CI/CD pipeline for core network software complete with feedback loop automation. This is a mission critical application responsible for being able to diagnose and carry service directly to customers. Rollouts and rollbacks are always customer impacting. This improved the speed of rollouts by an order of magnitude and role backs by twice that, all while reducing error.

Java, Elasticsearch, Hadoop, Puppet, Vagrant, Jenkins, Svn, Github, Gitlab, Hiera, Vmware, Foreman, Zabbix, Rally



I created a VPN company that accepted PayPal and Ethereum and offered service in Europe and North America. It ran on any operating system and was so easy to setup only requiring a scan of a QR code. I earned 4 customers over 6 months.



University of Northern Colorado, Greeley, Colorado
Red Rocks Community College, Golden, Colorado



I wrote a trading bot for my friends and family using dozens of technical indicators, which is profitable even in bear markets.