Matt Dodge

Hands-on software technology leader who thrives in fast-paced environments

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Open to in-office or remote

----- PROFESSIONAL EXPERIENCE ---

LoanSnap — *Director of DevOps & IT*   JUL 2019 - PRESENT

A series B fin-tech company in the mortgage industry focused on saving people money and streamlining the mortgage lending process

- Responsible for the uptime and security of our full software stack which runs on **Kubernetes** in **Amazon Web Services (AWS)**
- Organized all cloud environments with infrastructure-as-code using **Terraform**, **Ansible,** and **Kustomize**
- Implemented a containerized and autonomous CI/CD pipeline system used for dozens of software products; built with **Concourse CI**
- Managed several teams consisting of DevOps engineers, IT technicians, & internal customer support reps
- Converted an organization of 100+ desktop/in-office employees to a laptop-equipped and remote workforce
- Made regular development contributions for performance improvements, bug fixes, and new features to our **Python** and **JavaScript** codebases
- Migrated a $10k/mo **Google Cloud** implementation to AWS with zero downtime
- Managed a $3M+ annual software, cloud, and SaaS budget
- Created a series of web apps used by internal non-technical teams to automatically view and manage our applications using **Retool**
- Designed and maintained 80+ marketing automation pipelines in **Braze**
- Represented the corporation for IT/technical concerns on dozens of state audits, partner audits, and compliance procedures

niolabs — *CTO, Founder*   JUL 2013 - JUN 2019

A series A startup focused on making distributed systems and Internet of Things implementations easier for technical and non-technical users

- Architected and developed the core software product - a distributed platform built on **Python**
- Automated and secured our on-premise and cloud infrastructure with **Terraform**, **Kubernetes**, and **Jenkins**
- Created numerous Internet of Things architectures, implementations, and technical deliverables across many industries. Deployed to thousands of devices using **Ansible** and **SaltStack**
- Grew company revenue of licenses and services to over $5M per year
- Managed the engineering team - 20 developers & engineers spanning back-end (**Python**), front-end (**JavaScript/React**), and hardware
- Led an initiative for our company to contribute over 1,000 hours to open-source and community development in 2018
- Performed live demos and pitched investors and potential clients/partners. Acted as primary technical contact for seed round and series A round investments

----- SKILLS ----------------------------------

Full-stack software development

DevOps and cloud infrastructure management

Team building and people management

Client services and customer interaction

----- ASK ME ABOUT ----------------------

Empowering non-technical teams to work with technical products

Growing a software development team from 0 to 20

Securing and protecting sensitive data and customer PII

Contributing to and utilizing the open-source community in a secure way

Building reliable and secure deployment pipelines

Properly utilizing OKRs to drive priorities

Enabling team members to have work/life balance

Establishing an effective on-call strategy in a small organization

Creating a practical and effective interview process for developers

Marketing and pricing enterprise software in a nascent market

Creating a confident development and deployment culture

View this resume with more detail and answers to the "ask me about" section online at https://mattdodge.codes/resume

Deloitte — *Systems Integration Consultant*   JUL 2010 - JUL 2013

A global management and strategy consulting and audit firm - I was part of the Systems Integration group within the Consulting practice

- Led the Data Migration team of a state government project to migrate court case data to a more modern system. Utilized **TIBCO** DataExchange to perform ETL on **Oracle** and **MySQL** databases
- Automated quality and stress testing scripts for a team of developers and testers on a **Java** web application
- Created a **Python**/**JavaScript** software product to improve a major retailer's supply chain processes and enable real-time awareness
- Managed a stress testing team that used automation to simulate load on a web-based product

HotelReservations.com — *Software Engineer*   JUN 2008 - JUN 2010

A small firm focused on driving traffic to hotel and vacation booking sites through advertisements and search engine marketing

- Managed **MSSQL**/**SQL Server** inventory databases and ingestion of listing updates from various providers
- Automated advertisement bidding strategies with a custom **PHP** application for search engine ads in a highly competitive industry
- Developed **JSP** sites/landing pages for hotel listings with dynamic pricing
- Created automation tools for managing, updating, and publishing ads to multiple search engine platforms simultaneously

----- SIDE HUSTLES --

XW Stats — *Personalized statistics about NYT crossword solves*

A free web app where New York Times crossword subscribers can link their account and see deep statistics about how fast they solve crossword puzzles. This is a solo project that I built from scratch and grew to over 700 active users in less than 1 year. To date the app has processed and analyzed over 400,000 individually solved puzzles.

https://xwstats.com

Verge Golf — *Tour-level insights and performance tracking*

A freemium web and mobile app for golfers to record scores and glean insights about specifics in their golf game. The app provides all golfers access to an advanced metric, strokes gained, that is typically only available to professionals. I did all of the development work on the product and a colleague did the design/UX work.
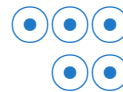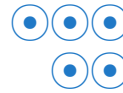
https://verge.golf

----- EDUCATION --

University of California, Los Angeles (UCLA)
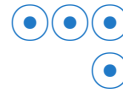Bachelor of Science - *Computer Science & Engineering, Mathematics*

- Python
- Javascript/React
- AWS
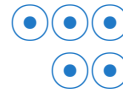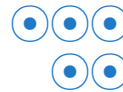- Google Cloud
- Kubernetes
- Terraform
- MySQL
- Postgres
- Linux
- React Native
- Ansible
- TypeScript
- VueJS
- Jenkins
- Networking
- Java
- Go
- PHP
- Bash
- Django
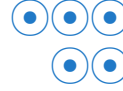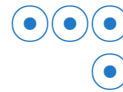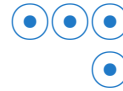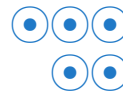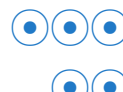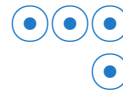
----- **ADDITIONAL RESOURCES** ---------

Patents - 14 issued patents
https://mattdodge.codes/patents

Writing and Blog Posts
https://medium.com/@that314guy

Open Source
https://github.com/mattdodge