Travis Griffiths

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Skills

- **Programming**: Typescript, Javascript, Python, Ruby, HTML/CSS
- **Frameworks:** React, Flask, Ruby on Rails, Redux
- **Cloud:** AWS: (many services), GCP (familiar), Cloudflare (personal use)
- **Data analysis**: Gathering, normalization and presentation of multi-dimensional data sets
- **Data visualization**: D3, raw SVG, Highcharts, Zingcharts, reactive dashboards
- **Team software development**: Git, Test-driven development (TDD), Scrum, Feature Design, Requirements gathering

Work Experience

Indigo Agriculture   **2019-2023**
Senior Software Engineer
- React/Redux Typescript interfacing Python Flask API and Postgres data store
- Designed, built, tested and deployed current headless CMS integration used for public educational materials
- Ingested and worked off of data stored in Postgres running off of RDS, used Snowflake for architecting and API prototyping. Some immutable data stored and accessed directly from S3.
- Built multiple custom graphs and visualizations to designer specifications
- Trasitioned to and successfully maintained a full remote work cycle

Rebatemango   **Oct 2018 - Oct 2019**
Chief Technology Officer
- Set policy and goals for development team
- Decided infrastructure buildout with an eye to maximize runway
- Rapidly assembled developer teams in both Myanmar and Armenia to bring uptime and feature development into budget
- Reported to and interfaced with major stakeholders and customers all across East Asia

Bespin Consulting   **Oct - Nov 2018**
Software Delivery Velocity Consultant
- Observed and reported on practices and results for 6 teams spread across South Korea and Peoples Republic of China
- Delivered practice specific report to senior management to improve delivery efficacy and velocity

Cloudhealth Technologies   **Jun 2013 - Oct 2018**
Software Engineer
- Design and build maximally flexible data visualization solution for large data sets
- Build, test and deploy full stack features in Ruby on Rails on multi-sharded MySQL database and Angular/D3 on the client
- Keep highly aware of changes/features introduced to AWS EC2, RDS, S3 or other services needed to be implemented and deployed to code within days of announcement by AWS
- Run and maintain multiple systems and services fully deployed on AWS on a 24 hour basis

Quant5   **Apr 2012 - Aug 2013**
Programmer/Data Analyst
- Develop, test and deploy impactful and interactive data visualizations using D3
- Perform deep mathematical analysis of customer data using R

RBM (OneDoor)   **Feb 2011 - June 2012**
Full Stack Programmer
- Ruby on Rails development using jQuery for client programming
- Completed significant refactoring of older code

Hitachi Data Systems   **Jun 2010 - Feb 2011**
Test Engineer
- Build and deploy automated test code in Python
- Debug failures, document and track all outstanding bugs

Education

- **San Jose State University:** B.S. Computer Science, bioinformatics concentration, minors in math and economics
- **IBM:** Leadership and Project Management courses
- **U.S. Army:** Primary Leadership Development Course
- **Monterey Peninsula College:** Associate of Arts, Foreign Language Korean