Grant McConnaughey

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EDUCATION

Bachelor of Science, Computer Information Science; *Emphasis: Information Technology*
Missouri Southern State University, Joplin, Missouri — July 2014
Major GPA: 3.90

WORK EXPERIENCE

May 2020 - Present   **Zapier**: *Senior Backend Engineer, Identity*
- Architected and built a task analytics system that stores billions of records per month and powers Zapier's Zap History functionality.
- Improved performance for and productized a dormant audit logging system which tracks tens of millions of events per month.
- Architected and built a distributed system for generating and verifying JWTs between Zapier's internal services.
- Built a system to manage and rotate cryptographic key pairs for Zapier's internal services.

January 2020 - Present   **Postpone**: *Founder/Owner*
- Founded and built Postpone (www.postpone.app), the Reddit post scheduler and manager for content creators.
- Architect features, design and implement UI, build backend/frontend, determine product direction, and provide customer support.
- Grew Postpone to $7k MRR and hundreds of paid monthly subscriptions during a global pandemic.

June 2019 - May 2020   **BriteCore**: *Director of Engineering, Policy Administration*
- Lead a team of software architects to design solutions for five products: Lines, Quote, Policies, Integrations, and Documents.
- Managed a division of 45 engineers across six teams.
- Mentored engineering managers to help their teams be productive and engaged.
- Worked alongside product management to gather requirements, decompose features, prioritize work, and build roadmaps for teams.
- Collaborated with teams to uncover and remove roadblocks to ensure high levels of productivity.

March 2016 - June 2019   **BriteCore**: *Engineering Manager / Software Architect*
- Hired and lead a team of engineers to build BriteLines, an insurance product definition service and a rating engine.
- Hired and lead a team of engineers to build BriteQuote, a service for building configurable quoting wizards for agents.
- Presented services to hundreds of attendees at BriteCon, BriteCore's annual user conference, three years in a row.

February 2015 - March 2016   **SideCars, Inc.**: *Software Architect*
- Developed the reinsurance application SideKick using Python and the Django web framework.
- Kept SideKick up-to-date with the latest Django versions from Django 1.6 to Django 1.9.
- Raised SideKick automated testing from 270 tests and 46% code coverage to 2500 tests and 95% code coverage in 13 months.

August 2014 - November 2014   **Self**: *Freelance Web Developer*
- Programmed the HTML, CSS, JavaScript, and PHP that powers the MSSU website (http://mssu.edu).

January 2013 - January 2015   **MSSU Information Technology**: *Programmer Analyst - Applications*
- Rewrote the main MSSU Online Admissions application using the Grails framework.
- Developed a series of Finance Applications for the MSSU Business Office using the Grails framework.
- Created a suite of 15 portlets for use by MSSU employees and students using the Grails framework.
- Maintained existing mission-critical C# and ASP.NET applications.

OPEN SOURCE

- **django-avatar** - A Django app for handling user avatars.
- **django-field-history** - A Django app to track changes to a model field.
- **Lintly** - A Continuous Integration CLI that slurps up linter output and sends it to a GitHub PR review.
- **Flake8Rules** - Descriptions and examples for the rules in Flake8 (pyflakes, pycodestyle, and mccabe).

TECHNICAL SKILLS

- **Certifications**: AWS Certified Solutions Architect - Associate
- **Frontend:** JavaScript (ES6), Vue.js, Node.js, Webpack, HTML, CSS
- **Backend:** Python, Django, Flask, SQL
- **AWS**: Lambda, API Gateway, CloudFormation, S3, CloudFront, SQS, Code*, and many more