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## ANTHONY GARGIULO

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Henderson, NV

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(702) 902-6405

<https://github.com/agargiulo>

### Skills

- **Programming languages** Ruby, Python, Bash, Perl, C, Go, Java,  $\LaTeX$ , CSS, HTML, Regex
- **Amazon Web Services** EC2, VPC, S3, IAM, CloudWatch, EKS, RDS, Route53
- **Configuration management tools** Terraform, Ansible, Salt, Puppet, Chef
- **Monitoring and alerting systems** Nagios, ELK stack, PagerDuty, Datadog
- **Continuous integration and deployment** Git, GitLab CI, Jenkins, GitHub Actions, Docker, Packer
- **Methodologies** Agile, live environment support, rapid response fixes/on-call

### Experience

- **Timberborn Wiki** — Remote May 2025 – Present  
*Volunteer Wiki Administrator*
  - Proposing and collaborating in site-wide functionality upgrades, with complex parser-based infrastructure.
  - Mentoring other volunteers in best practices.
  - Modernized and standardized CSS and enriched reader experiences.
  - Designed and developed automated metadata reports for platform assets.
- **Scribd** — Remote Feb 2021 – July 2021  
*Site Reliability Engineer II*
  - Ensured high availability, performance and reduced downtime, while managing infrastructure and microservices for slideshare.net in AWS.
  - Boosted deployment efficiency through slideshare development via CI/CD pipelines and on-call support.
  - Enhanced system reliability, scalability, and performance with designs for product overhauls.
- **LinkedIn** — San Francisco, CA July 2020 – January 2021  
*Site Reliability Engineer Contractor*
  - Migrated slideshare.net from LinkedIn on-prem servers to AWS, ensuring high availability and scalability.
  - Ensured high availability and scalability while migrating slideshare.net from LinkedIn on-prem servers to AWS.
  - Improved deployment efficiency by establishing infrastructure for Ruby on Rails apps, Elasticsearch, and CI/CD pipelines.
  - Enhanced system reliability and reduced downtime by configuring monitoring and alerts with CloudWatch and PagerDuty.
- **LinkedIn** — San Francisco, CA October 2016 – February 2019  
*Site Reliability Engineer*
  - Ensured high availability and performance, reducing downtime, while supporting multiple microservices for slideshare.net, user-generated content, and sales navigator.
  - Enhanced system reliability and scalability, improved system performance by developing core components of a new modular configuration management system.
  - Improved deployment efficiency and reduced system errors by contributing to auto-remediation and availability systems, and internal tooling.
- **Datto, Inc.** — Norwalk, CT November 2015 – October 2016  
*Systems/Production Engineer*
  - Ensured high availability and performance, reduced downtime by managing and maintaining systems for company's core services.
  - Enhanced deployment efficiency by developing tools and systems to assist developers deploying code to production.

## Personal Projects

- **TimberLapse** 2025 - present  
<https://mod.io/g/timberborn/m/timberlapse>
  - Capture timelapses of a developing Timberborn colony.
  - Mod written using C# and Unity. Offers persistent settings, various output formats.
- **Schism** 2020 - 2022  
<https://github.com/schism-ssh>
  - SSH Certificate Handling Intergalactic Serverless Module.
  - Golang command line client and AWS Lambda function to generate and manage SSH Certificates.
- **Tcelfer** 2018 - 2022  
<https://github.com/tcelfer-me>
  - Ruby app that lets you assign a mood to each day.
  - Generates monthly reports in pretty formats.

## Activities

- **Volunteer moderator for Timberborn official Discord** April 2025 – Present
  - Encourage community engagement and assist with member queries.

## Education

- **Rochester Institute of Technology** — Rochester, NY  
*September 2010 – May 2014*
  - Computer Science and Network & Systems Administration
  - Courses: Systems Programming I/II, Advanced Routing and Switching, OS I, Data Comm & Networking