

Jonathan J. Schaeffer

Arlington, Virginia, USA • jschaeffer97@gmail.com • [linkedin.com/in/jon-schaeffer](https://www.linkedin.com/in/jon-schaeffer)

Experience

Lead DevOps Engineer

Deeplocal & Gumband | Pittsburgh, PA (Remote)

April 2023 - Present

- Implemented cloud native tools promoting scalability; allowing engineers to deploy changes frequently and predictably.
- Introduced ephemeral environments using vCluster, which enabled simultaneous work and code reviews, accelerated developer velocity, and quickened release cadence of new features.
- Optimized local dev environment by replacing docker-compose with Tilt, achieving a reduction in build time and system resource utilization.
- Streamlined the deployment process by automating tasks in pipelines, enabling teams to work faster and release features more often.
- Improved deployment safety by creating a Golang rollback script for error handling.
- Optimized cloud infrastructure by aligning to product needs, reducing costs by 20%.
- Overhauled ElasticSearch to improve logging, alerts, and metrics reporting, reducing MTTD.

Applications Developer

Henderson Brothers Inc. | Pittsburgh, PA

June 2021 - March 2023

- Collaborated with business units to identify and automate workflows that saved 150 hours of work per year.
- Created and maintained Powershell scripts to keep our computer fleet up to date, secure, and to automate backend work.
- Worked with a partner and our internal business units to revamp our Salesforce org, increasing adoption of the tool by 40%.

Helpdesk Technician

Henderson Brothers Inc. | Pittsburgh, PA

June 2019 - June 2021

- Responsible for managing helpdesk through tickets, phone calls, and in-person assistance.
- Created and maintained user guides for common questions to cut down on repeated work and allow for self-service help.
- Configured and deployed Windows Always On VPN on Windows Server across 180 client devices to improve remote access management.

Technologies

Kubernetes, Docker, Flux, Helm, Terraform, vCluster, Tilt, Infrastructure as Code, Ansible, Linux, Arch Linux, Nix, NixOS, Elastic Search, GCP, AWS, PostgreSQL, Timescale, Tailscale, Bash, Golang, Python

Volunteering

Board Member & Fundraising Committee Chair

Technical Advisory Board | Allegheny College Computer Science Dept.

June 2023 - Present

- Head of Fundraising Committee that supports students through an annual fundraising campaign.
- Participated as a speaker on an alumni panel, offering insights and answering student questions.
- Mentors students, providing guidance to support their academic and professional growth.

Education

[Allegheny College](#) | B.A. in Music, Minor in Computer Science
May 2019. Meadville, Pennsylvania