COLLECTIVE DATA

DEVOPS ENGINEER II

Collective Data is seeking a DevOps Engineer II to help shape the infrastructure behind our fleet and asset management software, hosted on Azure and Azure Government. Our DevOps team owns the pipelines, automation, monitoring, and deployments that support it. The role is hands-on engineering across three key initiatives: moving from Windows to Linux, replacing manual deployments with full CI/CD, and building AI-assisted, agentic engineering workflows. As a DevOps Engineer II, you'll help design and build all three. Approximately 10–20% of the role involves Tier 1 IT support, a responsibility shared with our Cloud Infrastructure Engineer.

Key Responsibilities:

- Automate our deployment process, replacing manual releases with CI/CD pipelines for Azure and Azure Government
- Run scheduled product updates during Tuesday/Thursday evening maintenance windows until they're automated
- Build automation in Python and PowerShell
- Build pipelines and reusable templates in GitHub Actions and Azure DevOps
- Port scripts, builds, and tooling from Windows to Linux
- Integrate AI coding tools and agentic workflows into code review, triage, testing, and deployment
- Join the on-call rotation, respond to incidents, and run post-incident reviews
- Tune monitoring and alerting in Datadog, PagerDuty, and Site24x7
- Improve branching, merge, and code review workflows across GitHub and Azure Repos
- Mentor junior engineers and document standards and runbooks
- IT support and coverage (10–20%)
- Work internal help desk tickets: onboarding, access requests, password and MFA resets, hardware and software support
- Handle routine Microsoft 365 and Entra ID administration
- Cover routine Cloud Infrastructure tasks when that engineer is out; they cover DevOps work for you in return

Required Qualifications:

- Professional experience in DevOps, build/release, or automation engineering
- Strong Python; working knowledge of PowerShell and Bash
- Linux administration and troubleshooting
- Hands-on Microsoft Azure experience
- CI/CD pipelines in GitHub Actions and Azure DevOps
- Experience automating manual deployments
- Production on-call and incident response

- Day-to-day use of AI coding assistants or agents
- Solid Git workflow knowledge: branching, pull requests, code review

Preferred Qualifications:

- Terraform or other infrastructure as code
- Internal IT or help desk experience, including Microsoft 365 and Entra ID administration
- Building agentic workflows or LLM integrations, such as MCP servers or agent-driven PR review
- Azure Government or compliance-driven environments (NIST 800-53, CJIS)
- Windows-to-Linux migrations
- PostgreSQL administration
- C++ or Angular build and deployment

Schedule and Work Environment:

- Hybrid: in-office collaboration with flexible work-from-home
- Split shift on Tuesdays and Thursdays: two 4-hour shifts, the second in the evening for maintenance-window updates. As deployments are automated, these evenings become on-call coverage.
- On-call: shared rotation for our hosted environments

Who is Collective Data?

Collective Data is a leading provider of Fleet Management and Asset Management software for both the public and private sectors. Our mission is to empower organizations with intelligent software solutions that help streamline operations, reduce costs, and improve efficiency.

Why Join Us?

At Collective Data, we value innovation, collaboration, and the personal growth of our employees. We offer a competitive salary and benefits package, flexible work arrangements, and an environment where your input is valued and encouraged.

Interested in making a difference with Collective Data? Please submit your resume and cover letter detailing your relevant experience to careers@collectivedata.com

Collective Data is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability.