

Amethyst Reese

Senior software engineer writing Python professionally since 2010, working on foundational infrastructure and tooling to support millions of engineers, data scientists, and ML researchers. Maintainer of numerous open source libraries on PyPI. Experienced speaker from Python conferences and meetups around the world.

EXPERIENCE

- 2026
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2025
- Astral** — Senior Software Engineer 📍 Remote (US)
Ruff
- Designed and implemented user facing features for Ruff, including range suppressions and Markdown code block formatting. Engaged in roadmap planning and coordination with team members to prioritize feature work.
 - Maintained the open source project and engaged with contributors and community members through PR code review and issue triaging.
- 2025
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2012
- Meta** — Senior Production Engineer 📍 Remote (US)
Python Language Foundation
- Built and maintained third party package infrastructure to integrate upstream packages from PyPI with internal monorepo and build systems.
 - Built and maintained developer tools, including formatters, linters and dependency management. Worked with partner teams to integrate tools with VSCode, LSP, CI, and code health dashboards. Open sourced **Fixit 2.0** and **μsort**.
 - Contributed bug fixes to upstream CPython, and engaged with the open source community to improve Python and developer tooling ecosystem.
- Everstore, photo/video storage infra
- Built high performance automation and remote monitoring systems to assess storage servers, data replication factors, and data integrity across regions.
 - Migrated legacy systems from Python 2.7 to Python 3.6, seeing significant performance and memory wins. Worked with partner teams to assist in automation and validation of major Python version upgrades.
- 2012
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2011
- BioWare, Electronic Arts** — Software Engineer II 📍 Redwood Shores, CA
Devops, BioWare SF
- Built custom auto-scaling and deployment automation for backend services.
 - Contributed bug fixes to upstream boto project for AWS.
- 2011
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2010
- CBTS, General Electric** — Software Engineer 📍 Cincinnati, OH
- Built custom monitoring and analysis tools for network security team.
 - Worked with security engineers to identify threat patterns, integrate intelligence sources, and design proactive responses against APT adversaries.
- 2009
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2006
- Redcom Laboratories, Inc.** — Software Engineer 📍 Victor, NY
- Contributed major features and plugins to open source **Mantis BT** project.
 - Maintained and overhauled custom internal tools and source control systems.

EDUCATION

- 2009
- B.S. in Software Engineering** 📍 Rochester, NY
Rochester Institute of Technology

CONTACT

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PORTFOLIO

🔗 amethyst.cat
🐙 github/amyreese
🌐 omnilib.dev

SKILLS

Generalist
Infrastructure
Full stack engineer

Developer tooling
Build systems
CI/CD and testing
Source control

Python
Rust
C, C++
MySQL, SQLite
HTML, CSS, JS
LSP, CLI
Git, Hg

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