Paul J. Williams

Skilled software developer with a strong background in technical writing, dedicated to delivering high-quality code and documentation. Experienced in developing metrics features using Go, resolving bugs, and conducting thorough software testing. Skilled in Python scripting, maintaining extensive technical documentation, and collaborating effectively with cross-functional teams. Seeking a software development role that leverages my diverse background to drive innovation, solve complex problems, and contribute to the success of an agile and collaborative environment.

PROFESSIONAL EXPERIENCE

Software Developer, Mirantis

MARCH 2022 - PRESENT

- Developed a Prometheus exporter for Mirantis Secure Registry, leveraging extensive querying of RethinkDB to provide robust monitoring capabilities.
- Implemented a telemetry feature for Mirantis Migration Tool, enabling the collection and analysis of usage metrics using segment.com.
- Resolved bugs in MSR and MMT, including the introduction of context into RethinkDB functions, logging enhancements, and fixing HTTP errors in MSR endpoints.
- Conducted thorough testing of software changes using AWS EC2 instances, Kubernetes, Helm, Docker Desktop, and internal Mirantis tooling.
- Utilized strong writing skills to contribute to internal documentation, PRDs, design docs, tickets, and code comments, ensuring clear and comprehensive project documentation.
- Actively participated in agile processes, including daily standups, sprint planning, retrospective, ticket grooming, and collaborative troubleshooting sessions.

Technical Writer, Mirantis

OCTOBER 2020 - PRESENT

- Automated the editing process of lengthy and repetitive documentation changes by developing Python scripts, improving efficiency and accuracy.
- Maintained and managed approximately three thousand pages of technical documentation across multiple containerization, orchestration, and image registry products.
- Utilized reStructuredText, Sphinx, Gerrit, and Jira to effectively manage the documentation site, ensuring accuracy and consistency across multiple repositories and branches.
- Collaborated with subject matter experts (SMEs) and technical writers from various teams to create new conceptual, reference, and procedural documentation topics with each product release.

Technical Writer, Freelance

MARCH 2020 - OCTOBER 2020

- Generated comprehensive conceptual and reference documentation for the 253 Apache CloudStack API requests used by a cloud services platform.

ADDITIONAL EXPERIENCE

- **Brand Protection Specialist**, PopSockets
- **Private Instruction and Tutoring**, Self-Employed
- **Graduate Teaching Assistant**, University of Texas at Austin
- **Graduate Teaching Assistant,** San Francisco State University

EDUCATION

- **Ph.D. Candidate (ABD), Philosophy**, University of Texas at Austin
- **Master of Arts, Philosophy**, San Francisco State University

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