

Seasoned Software Engineer and Engineering Manager with over a decade of experience leading and optimizing open-source projects, streamlining automation processes and driving community engagement.

Work Experience

Senior Software Engineer & Engineering Manager InfluxData **2021–Present**

- Maintain the open-source project [Telegraf](#), an agent for collecting, parsing, transforming, and sending metrics, logs, and events from various sources including containers, servers, databases, IoT devices, and more
- Establish daily community triage process resulting in a [75% reduction](#) in open issues, boosting community engagement and contributions
- Develop and implement automation scripts and processes for integration, performance, fuzz testing, and security notifications, leading to a more secure and stable project environment
- Create comprehensive documentation and educational content, including blog posts, instructional videos, and formal classroom training materials, leading to an increase in user engagement and broader project adoption
- Lead a fully remote team, evaluate customer and cross-team requirements, set priorities, drive efforts, and provide mentorship.

Senior Software Engineer Canonical **2020–2021**

- Engineered automation for delivery of new cloud features, Common Criteria, FIPS, and other security hardening, and Ubuntu releases via the production of Ubuntu cloud images for delivery to Google Cloud including Compute Engine (GCE) and Kubernetes Engine (GKE)
- Educated and advised partners on best practices, ensured timely delivery of critical security CVE updates and fixes, while monitoring and enhancing the health of the build process and outputs

QA Engineer & Engineering Manager Canonical **2016–2020**

- Led and grew the worldwide remote team delivering Ubuntu Server, the number one cloud operating system
- Developed automated CI and merge review system, setup daily builds, wrote integration test framework and owned quality initiatives for the cloud-init open-source project and Ubuntu Server distribution
- Proposed and maintained a release roadmap of new features and objectives, generated and reviewed specifications of features, and conducted code reviews to ensure completed goals
- Established data-driven decisions through the development of metric collection methodologies to track key performance indicators to guide future investments by company leadership

Senior Software Engineer Hewlett Packard **2014–2016**

- Enhanced product security and reduced duplicate efforts across the company through the rapid development of a Debian-derivative operating system to be used throughout HP products

Software Engineer Hewlett Packard **2007–2014**

- Built a comprehensive performance characterization testing method for the latest I/O technologies to ensure performance across next-generation mission-critical and enterprise servers
- Designed and deployed automated smoke, integration, and scale tests for new product APIs to reduce development delays and meet quality goals

Education

- **M.Sc. Computer Science** Georgia Institute of Technology **2014–2016**
- **B.A.Sc. Economics & Applied Computing Technology** Colorado State University **2005–2009**