

David Cannan | DevOps—AIOps

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David Cannan is an innovative, self-taught DevOps engineer with a profound expertise in Python and advanced networking. Specializing in architecting robust, secure, and scalable cloud-native solutions, he is proficient in Kubernetes, Docker, and MinIO for optimal data management and storage. His experience extends to integrating state-of-the-art AI technologies such as LangChain, OpenAI, and HuggingFace to enhance AI-driven workflows and cybersecurity. Committed to advancing cloud and AI operations, David champions GitOps and AIOps practices, pushing the boundaries of technology to deliver scalable and efficient AI applications.

MinIO / DevOps Intern - Technical Writer

NOV 2023 - PRESENT, REMOTE

In this role, I drive the development and dissemination of innovative cloud storage solutions and AI integration strategies, contributing to MinIO's cutting-edge technology initiatives.

- Developed proof of concept repos that spurred community engagement, inspiring entrepreneurial ventures
- Authored pivotal articles on AI & DevOps integrations that influenced strategic industry partnerships
- Collaborated cross-functionally to deploy enterprise MinIO infrastructures for cloud-native apps.

GitHub Contributor / Open-source Developer

AUG 2022 - PRESENT, REMOTE

As an active open-source developer, I create and refine software tools that enhance the usability and functionality of AI and data processing technologies.

- **GitHub Contributions:** Active contributor with over 2,850 commits, reflecting high engagement and dedication to software development.
- **Programming Expertise:** Demonstrated proficiency in Python, JavaScript, and HTML, underlining a versatile technical skill set.
- **Community Recognition:** Received 60 stars on GitHub, acknowledging the impact and value of my contributions to the development community.
- **Collaborative Projects:** Authored 401 pull requests, showcasing strong collaboration and advanced code management skills.
- Developed open-source ETL and AI automation tools in Python/Go to transform raw data into actionable insights.
- Created and refined source code to make complex and accessible CI/CD infrastructure, enhancing data management automation solutions by developing GitOps practices.
- Engaged actively with the open-source community, providing detailed usage guides and fostering knowledge sharing.

Achievements and Acknowledgement

- Highlighted by MinIO in LinkedIn posts as a key influencer in the DevOps community.
- Authored articles leading to CEO-to-CEO discussions and strategic industry partnerships.
- Recognized by companies like MinIO and Weaviate for pioneering integrations between object and vector storage solutions.