

Thomas Bille

Senior Software Engineer

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tbille

in tbille

French-Canadian

Experience

2017-2023 **Canonical, the publisher of Ubuntu, Engineering Manager**

1 year **Engineering Manager - Web team, Remote**

Manage a team of 5 engineers who take care of maintaining all product sites including ubuntu.com and canonical.com, both accumulating more than 2 millions visitors per month. Mentor and support career progression for the engineers while engineering, planning and running stakeholder meetings.

Lead multiple projects in parallel that engineers and designers build. Run code and design reviews to keep consistency within our message, layouts and code.

2 years **Team Lead - Workplace Engineering, Remote**

Lead a team of three developers and a UX designer who focuses on defining and building the future of the digital workplace at Canonical. Mentor, plan, and prioritize work in the team by running pair programming sessions, and stakeholder and scrum meetings.

Designed and wrote a set of APIs that all internal tooling consume. Advocate about internal tools by writing documentation, giving company-wide presentations, and encouraging internal teams to use our products.

1 year **Team Lead - Marketplace, Remote**

Lead a team of six developers, UX, and visual designers to drive continuous delivery of features for two software marketplaces (snapcraft.io and charmhub.io) to improve product alignment to market, customer, and community needs

Drove the design and build of [Charmhub](https://charmhub.io), with a three-month production timeline to align the release with a major technology event as a part of a GTM launch strategy.

Reached various communities through GitHub by helping them to build and maintaining snaps, a Linux packaging system, including snaps that reached more than 2500 users.

3 years **Web Engineer, London, United-Kingdom**

Managed and standardized backend ecosystems and deployments using Docker and Kubernetes of more than [40 sites](#), leading to a decrease of 20% of maintenance tasks.

Designed and built a Python module that standardizes backends to facilitate maintenance, enabling teams to focus on features and leading to more than 1000 lines of code removed across repositories.

Wrote a [python module](#) and migrated all Canonical documentation and tutorials from plain markdown to a dynamic documentation system using Discourse forums.

2016-2017 **Linagora, Software Engineer / Internship, Toulouse, France**

1 year Full-stack Engineer on the Free and Open-Source project [OpenPaaS](#). Built the calendar module and contributed to external libraries that powered the project.

Education

2016-2017 **MSC Software Engineering, Université Toulouse 3 Paul Sabatier, Toulouse**

Software Architecture, Project management, Web Development

2014-2015 **BSC Software Engineering, Ecole Polytechnique, Montreal, University Exchange**

Software Architecture, System Engineering, Functional Programming

2011-2014 **BSC Computer Science, Université Toulouse 3 Paul Sabatier, Toulouse**

Object-Oriented Programming, Programming

Skills

Tools

- Languages Python, JavaScript, TypeScript, NodeJS, HTML, CSS, Google Scripts
- Frameworks Django, Flask, Express, NextJS
- DevOps Kubernetes, Docker, Linux, Jenkins, GitHub, GitLab
- Data sources PostgreSQL, Redshift, Pocketbase, Prometheus, Google Analytics, Google Sheets, Google API
- Monitoring Grafana, Google Datastudio, Graylog, Sentry
- Project Agile, Scrum, Jira, GitHub, Zenhub

Soft Skills

- Strategic Sense of decision-making thanks to clear understanding of the products, their roadmaps, and the people contributing to them
- Team player Organized a safe and friendly environment for developers and designers to work together in the best conditions, receiving four recognition awards for my efforts
- Analytical Setup usage and competition analytic dashboards and advised Product Managers on trends

Languages

- Native French
- Fluent English, Italian

Community

- Writing [Ubuntu Blog](#), [How to write an Ubuntu guide](#), [Document your library](#)
- Podcast [418 I'm a teapod](#) - Podcast project during Covid
- Contributions Kubernetes Python documentation, Nextcloud, Sabre-dav, and more on [GitHub](#)
- Other [Snaps](#), [Yunohost](#) (Italian translation)

Interests

- Open Source Advocate for products at events like FOSDEM and Open-Source Summit
- Coffee Passionate about coffee, from roasting to enjoying
- Craft beer Grew up supporting my family's microbrewery, [La Braxéenne](#)
- Hobbies Enjoy [photography](#), silly domain names, and music

References

On request