Mathieu Corbin

Senior Staff Engineer

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Experience

Qonto: AI Lab Engineer — Sept. 2025 - Present

qonto.com

Building the next generation of tools that will make financial management for entrepreneurs simpler, smoother, and smarter, using AI, in an autonomous team.

Main technologies: AWS (EKS, RDS, Bedrock), Python (FastAPI), GenAI (agentic)

Qonto: Senior Staff Site Reliability Engineer — Jan. 2022 - Sept. 2025

Promoted from Staff to Senior Staff in July 2023. Solved cross-team technical and organizational problems during hypergrowth, supporting 600+ microservices and hundreds of engineers. It was a fully remote position. Here is a non-exhaustive list of topics I worked on:

○ Implemented Platform Engineering concepts over several years:
  ○ Enabled continuous deployment (300 deployments/day in production)
  ○ Increased teams' productivity and autonomy by providing self-service APIs and tooling for all production actions
○ Designed and built PCI-DSS compliant cloud platform for Qonto's card processor handling all payments for 500,000+ customers
○ Drove observability adoption across 600+ services (logs, metrics, traces, SLOs) to improve incident detection and quality
○ Revamped Golang internal ecosystem to reduce overhead in microservices creation and maintenance
○ Reduced SRE infrastructure maintenance overhead, enabling scale without proportionally increasing headcount
○ Technical leadership: mentoring, architecture review, pushing new practices, cross-functional collaboration (Risk, Compliance, Internal Control)
○ Applied Lean Management: Kanban, one piece flow, PDCA, continuous improvement

Main technologies: AWS (EKS, RDS PostgreSQL, Kafka), Kubernetes (ArgoCD, Karpenter, and all the other tools to make clusters production-ready), Golang, Prometheus/Thanos, Opentelemetry traces, Elasticsearch, Terraform

Exoscale: Engineering team lead — May 2018 - Dec. 2021

exoscale.com

Promoted from Senior Developer to Team Lead in May 2020. Fully remote position.

○ Built and maintained core cloud products critical for customers and internal use:
  ○ SKS (managed Kubernetes offering, greatest European Kubernetes offering at the time of its release)
  ○ Network Load Balancer (layer 4 TCP cloud load balancer integrating with existing products)
  ○ Instance pools (managing groups of autoscaled machines)
  ○ Company's new public API (completely redesigned from scratch for consistency and to enable powerful SDKs and tooling)
○ Participated in architectural choices and built company's technological foundations: distributed systems, orchestration, stream processing, storage
○ Improved existing products: managed private networks, hypervisor and virtualization, tooling

Main technologies: Clojure, Golang, Kubernetes, Kafka, Cassandra, MySQL, Elasticsearch, Grafana, Puppet, Terraform

Malt: System administrator   Jan. 2018 - Apr. 2018
malt.com

Hybrid position with a few days of remote work per week.

- Managed company's infrastructure: bare metal and cloud servers
- Improved infrastructure deployment stack for better security and reliability

Main technologies: Ansible, Elasticsearch, InfluxDB, Consul, Grafana, Hashicorp Vault, Terraform

Zenika: System administrator consultant   Sept. 2015 - Jan. 2018
zenika.com

Mostly worked for Enedis (French electricity grid company).

- Built and maintained continuous integration and deployment platform used by hundreds of developers daily
- Built common deployment layer for teams to deliver infrastructure and software safely in production
- Maintained logs and metrics observability stack
- Promoted infrastructure-as-code and observability best practices to improve service reliability
- Maintained Atlassian stack: Jira, Confluence, Bitbucket

Main technologies: Ansible, Jenkins, Elasticsearch, Kafka, Grafana, Kubernetes, Python, Java

Skills

Containers: Deep expertise in Kubernetes, its ecosystem, and best practices for managing highly-scalable container workloads.

Infrastructure: Expert in modern infrastructure patterns (Cloud, GitOps, Infrastructure as Code) and application lifecycle best practices (CI/CD). Able to design robust yet pragmatic infrastructures that balance technical excellence with business constraints.

Architecture: Experienced in distributed architectures and microservices. Strong focus on edge cases, failure modes, and system impact. Advocate for architectures that increase teams' productivity and autonomy while minimizing cognitive load.

Observability: Expert in logs, metrics, traces, incident management, root cause analysis, and SLOs to improve product quality and engineering efficiency.

Programming: Proficient in Golang and Clojure, strong Python skills. Solid knowledge of development best practices and building reliable software.

Project management: Years of experience with Lean concepts and continuous improvement. Skilled at organizing cross-team and cross-departmental work to achieve company goals.

Communication: Regular speaker at French tech conferences. Experienced in facilitating meetings and cross-functional collaboration.

Languages: French (native), English (proficient).

Open Source

I like building new projects from scratch to explore new ideas. They can be found on my Github.

Technical Writing

Author of mcorbin.fr, a technical blog covering engineering topics.

Education

University of Lorraine   Nancy
DUT and Master's degree in Computer Science   2010 - 2015