Software Engineer IAM — Internship

Scaleway — Paris | Engineering | On-site

About Scaleway

Scaleway is a European cloud computing company developing secure and sustainable infrastructure, cloud and AI products. Its teams work in an international environment and serve private- and public-sector customers.

Why this internship?

The Identity & Access Management (IAM) team is expanding to support the development and security of authentication and access-control services. The intern will contribute to backend development to improve the security, scalability and observability of the cloud platform.

Your future team

You will join a team of five people working on authentication, authorization and access-control systems. The team collaborates closely with backend, frontend, documentation and security teams.

Main tasks

- Develop new IAM features related to authentication and access control.
- Improve system security and observability.
- Contribute to internal tooling for IAM services.
- Work on secret scanning and credential-leak detection.
- Implement API-key usage tracking and auditing mechanisms.
- Design and improve authentication and authorization policies.
- Contribute to access-policy templates and frameworks.
- Participate in architectural discussions and technical design.
- Collaborate with backend engineers, product managers and security teams.
- Communicate progress and participate in daily meetings, sprint planning and team syncs.

Possible internship projects

- Build tools to detect leaked credentials and API keys in codebases.
- Design systems to monitor, audit and detect anomalies in API-key usage.
- Contribute to defining and enforcing authentication rules.
- Create reusable policy templates to simplify access-control configuration.

Hard skills

- Solid foundation in backend development (any language).
- Knowledge of Go, or willingness to learn it.
- Understanding of REST APIs and distributed systems.
- Familiarity with cloud environments and PostgreSQL databases.
- Experience building a complete software or web project end-to-end.

Soft skills

- Curiosity and a strong willingness to learn.
- Problem-solving mindset.
- Ability to work collaboratively in a team.
- Good written and verbal communication skills in English.
- Interest in security, authentication or access-control topics.

Work environment

Scaleway highlights an international workplace, modern cloud infrastructure, internal mobility opportunities, employee well-being initiatives and a commitment to responsible cloud services.