

Maël Gramain

Engineering student and Network Engineer

Education

- 2024–2027 **MSc in Engineering**, *IMT Atlantique*, Apprenticeship, Brest, France
Relevant coursework: software engineering, telecommunications, electronics, calculus
- 2022–2024 **Associate Degree in Networking and Telecommunications**, *IUT Saint-Malo*, Apprenticeship, Saint-Malo, France
Specialization in cloud development
Valedictorian
- 2019–2022 **High School Diploma**, *Lycée des Droits de l'Homme*, Guadeloupe, France
Specialized in: mathematics, physics, and chemistry
Graduated with honors

Professional Experience

- Sept 2022 – **Network Engineer**, *OVHcloud*, Rennes, France
Present Member of the Network Backbone team
- Developed OVHcloud's Peering Portal, used by 500+ partners to manage interconnections
 - Built a software and hardware qualification pipeline that reduced processing time by over 75%
 - Implemented an out-of-band remote access client for disaster recovery scenarios used by network teams

Skills

- Programming Go, Python, Vue.js, Microservices, CI/CD, Apache Airflow
- DevOps & Systems Linux, Kubernetes, Docker, Ansible, Grafana
- Networking IPv4/6, BGP, OSPF, Cisco IOS(-XR), JunOS, FRRouting
- Databases PostgreSQL, MariaDB, MongoDB, InfluxDB, Apache Druid
- Languages French (native), English (fluent), Spanish (basic)

Leadership and Projects

- October 2024 – **Co-President**, *Sustainable development club*, IMT Atlantique
Present Student association leading various projects to promote eco-responsibility on the Brest campus of IMT Atlantique, including awareness campaigns, local partnerships, and sustainable infrastructure initiatives.
- Oct 2022 **Flagmalo CTF Lead Infrastructure Engineer**, *IUT Saint-Malo*, France
Designed virtual infrastructure and network architecture for 100+ participants. Handled 500+ GB of traffic during the event.
- Mar 2021 – Oct 2022 **Technical Contributor**, *MilkyWan (Non-Profit ISP)*
- Managed AS migrations with zero downtime during AS number transition from AS5711 to AS2027
 - Modernized the organization's website to improve clarity and service presentation
 - Consolidated internal documentation and hardware asset tracking systems
- Feb 2017 – **Founder & System and Network Administrator**, *GnouxEU*
Present
- Founded and managed a 500+ member community promoting decentralized platforms and open-source development

Interests

- Leisure Cinema, photography, automotive mechanic
- Sports Swimming, tennis