

Laurent Mathieu

Senior AWS Expert & Instructor

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Profile

Senior AWS expert with 20+ years in technology and a decade dedicated to the cloud. I deliver practical cloud solutions (building, optimizing, securing) and impactful training, making complex concepts actionable to maximize business investments.

Deeply invested in cloud education, my commitment includes leading Switzerland's first AWS re/Start cohort (2022) and establishing Cambodia's first AWS Educate partnership (2019) for a tech education NGO. As an active AWS Community Builder since 2020, I stay at the forefront of cloud innovation and community engagement.

Colleagues and clients describe me as driven, versatile, an out-of-the-box thinker, and passionate about learning and transmitting knowledge.

Professional background

Since 2021: AWS Consultant & Instructor (freelance)

Providing AWS consulting services to SMEs, startups, and SaaS providers on a project basis:

- Architecture and solution design expertise using AWS-native services
- Migrations from 3rd-party cloud to AWS (lift-and-shift and re-platforming strategies)
- AWS Costs reviews and optimization strategies
- Security reviews and alignment with AWS security best practices
- AWS IQ expert: <https://iq.aws/e/laumat>

Delivering instruction and online courses for educational institutions and e-learning platforms. Key projects include:

- Instructor for Cloudwolf.com (AWS Solutions Architect Associate and Developer Associate curriculums)
- Webinar instructor at Securzy (monthly webinar AWS Security series)
- Cybersecurity Mentor for SpringBoard.com (weekly 1-to-1 mentoring)
- Guest lecturer for MyDigitalSchool, EPSI, Tera Campus, OPIT and Simphon.co (Bachelor/Master's degree modules covering Cybersecurity, Linux, DevOps, Cloud administration, etc.)
- Authored *Mastering AWS Security: Strengthen your cloud environment using AWS security features coupled with proven strategies* (ISBN 1805125443)
- Authored AWS security course for CodeRed EC-Council University platform (6 hours of video content)

2022 (6 months): AWS re/Start Instructor at Powerhouse Lausanne – Lausanne, Switzerland

Led the AWS re/Start program instruction (remote, part-time, contractor).

- Selected and trained the first AWS re/Start cohort in Switzerland
- Mentored the students until their graduation and prepared them for the AWS CCP exam
- Coordinated other volunteers' instruction

2021: Cloud Security Architect at Arkema – Lyon, France

Global Cybersecurity Architecture & Expertise Team (remote, part-time, contractor).

- Cloud architectures security review
- DevSecOps and cyber-analytics tooling development for the AWS Cloud

2020-2021: Independent Consultant – Phnom Penh, Cambodia

Cybersecurity, cloud & AWS consultancy and training for various SMEs, NGOs and educational institutions.

2019-2020: IT & Training Manager at Passerelles Numériques – Phnom Penh, Cambodia

Served for 15 months as International Solidarity Volunteer (French VSI) for an international NGO.

Responsible for the Systems & Network Administration (SNA) curriculum as well as the overall IT of the school (35 staff and 150 students). Led a team of 4 FTEs (2 SNA Trainers and 2 IT Officers).

- Developed cybersecurity and cloud computing modules
- Applied for the AWS Educate institution grant and embedded it into the SNA curriculum
- Moved IT labs from hardware-based to cloud-based amid COVID-19 school closure and beyond
- Increased Google G Suite adoption and organized the training of all staff and students during COVID-19

- Established and maintained relationships with various partners (businesses, NGOs, government)
- Selected as part of the AWS Educate Cloud Ambassador 2020 cohort

2013-2018: Senior Information Security Risk Analyst at ABN AMRO Bank – Amsterdam, Netherlands

Information security risk assessment & advisory for the Corporate Information Security Office (CISO).

- Advised senior management in making risk-based decisions to support business objectives
- Identified and assessed risks in all aspects of information security for various projects
- Provided security advisory and architecture support during projects
- Performed vendor security assessments (e.g. BPO, cloud suppliers, data center inspection, etc.)
- Coordinated penetration testing and vulnerability assessments
- Monitored ongoing risks and tracked remediation

2012-2013: IT Operations Security Lead at French National Space Agency (CNES) – Toulouse, France

IT security operations and outsourcing management for the CNES ICT Department.

- Reviewed and oversaw the overall incident management process
- Reviewed vendors' security controls to ensure ongoing compliance with standards and policies
- Monitored security systems operations, performance, availability and capacity
- Reviewed and monitored security vulnerabilities and remediation activities

2012-2013: Information Security Consultant at Scassi – Toulouse, France

R&D, pre-sales, training delivery and consulting.

- Co-built the eLearning platform PHOSFOREA and authored courses in information security
- Delivered training in cloud computing security to IT auditors

2010-2012: CERT Senior Security Analyst at European Space Agency (ESA) – Rome, Italy

ESA's Computer Emergency Response Team (ESACERT). Assigned as a consultant for Verizon Business.

- Incident response, threat hunting, malware analysis and forensics activities
- Performed security & vulnerability assessments and monitored findings resolution
- Co-organized and delivered yearly security awareness campaigns and seminars for all ESA sites

2006-2012: Senior Security Consultant at Verizon Business – Luxembourg / Italy

Verizon Business Professional Services EMEA.

- Designed, tested, deployed and supported security systems in complex environments
- Performed security audits and assessments

2005-2010: Guest Lecturer at Université de Lorraine – Nancy, France

Taught cryptography, cybersecurity, and ethical hacking to Bachelor students (app. 30 hours every year).

2004-2006: Security Analyst at Cybertrust – Luxembourg

Security Operations Center (SOC) environment providing managed security services to various customers.

2004: Internship in system & network administration at La SNET – Metz, France

Education

2009-2010: Master's Degree, Management & Business Engineering from EM Strasbourg – Strasbourg, France

2002-2004: University Degree, Network & Telecom from Université de Lorraine – Nancy, France

Awards & certifications

AWS Certified Security – Specialty

AWS Certified DevOps Engineer – Professional

AWS Certified Solutions Architect – Professional

AWS Certified Solutions Architect – Associate

AWS Certified SysOps Administrator – Associate

AWS Certified Developer – Associate

AWS Certified Cloud Practitioner

AWS Community Builder

AWS Educate Cloud Ambassador

Other information

Citizenship: French

Languages: Bilingual English/French