Laurent Mathieu

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Profile

I am currently an independent consultant and instructor in cybersecurity and AWS cloud domains. I have been working in the realm of information security for 20 years doing many things from security systems design and implementation, to cybersecurity operations, to advising developers, solution architects and senior management about security risks and solutions. Over the past decade, I have also been growing interest in cloud computing and gradually turned from a cloud skeptic to an evangelist. Cloud security and AWS cloud have been my main focus areas over the past 5 years.

I am an active and proud member of the AWS Community Builder Program. As an AWS re/Start instructor, I recently trained the first cohort in Switzerland and mentored the students until their graduation. Prior to that, I also served as AWS Educate Cloud Ambassador while I enrolled the NGO I was volunteering for as the first partner organization in Cambodia.

I hold various industry-recognized certifications, including ISC2 CISSP, ISACA CISM, CSA CCSK, as well as 6 AWS certifications.

People who have worked with me describe me as driven, versatile, out-of-the-box thinker and eager to learn and transmit knowledge.

Core skills

Cybersecurity: I have a holistic view of cybersecurity. A blend of management and technical experience in almost all areas of cybersecurity across various industries. Extensive know-how in security architecture, cloud security, governance, risk & compliance, incident response management and security operations.

Amazon Web Services (AWS): I have a robust background in AWS. I first started by assessing the security posture of various deployments. Since then I got my hands on the majority of services and gained a solid understanding of the AWS ecosystem, as well as an in-depth knowledge in most services, including security, analytics and DevOps tooling.

Instruction and Training: I have always been engaged in training and instruction. I have been teaching as guest lecturer for universities, trained and mentored a large number of professionals, co-built an eLearning platform, authored training content and volunteered for NGOs as trainer and training manager.

Professional background

Since 2021: Consultant & Instructor (freelance)

Working as freelancer in cybersecurity, AWS and instruction for various businesses and educational institutions.

- Webinar instructor at Securzy (monthly webinar AWS Security series)
- Authored AWS security video course and book (being published)
- Cybersecurity Mentor for SpringBoard
- Guest lecturer for MyDigitalSchool, EPSI Nantes, Tera Campus and Simplon.co
- AWS IQ expert: consulting for various startups and SaaS providers (https://iq.aws/e/laumat)

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 (8 months): Cloud Security Architect at Arkema – Lyon, France

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

- Cloud architectures security review
- Cloud migrations assessments
- 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.

- ISO 27001 readiness assessment, security awareness, AWS onboarding, etc.

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

2019: Volunteer Cybersecurity Trainer at Passerelles Numériques – Vietnam, Philippines, Cambodia

Traveled for 4 months to 3 Asian countries where PN operates and delivered training in cyber-security.

- Delivered training to students (2 weeks in Da Nang, Vietnam and 4 weeks in Cebu, Philippines)
- Mentored and trained the local IT & training team in Phnom Penh, Cambodia

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).

- Supported senior management in making risk-based decisions to achieve 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, presales, 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.

- Led incident response and threat hunting
- Performed 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. Worked for various Public-sector, SME & Enterprise customers.

- Designed, tested, deployed and supported security systems in complex environments
- Performed security audits, reviews and assessments
- Developed security policies, guidelines and standard operating procedures
- Delivered security training, managed projects, developed solutions and performed presales activities

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

Gave lectures to Bachelor students (app. 30 hours every year).

- Taught cryptography, cybersecurity and ethical hacking

2004-2006: Security Analyst at Cybertrust – Luxembourg

Security Operations Center (SOC) environment in a 24x7x365 shift work schedule providing Managed Security Services to various customers.

- Analyzed logs, security trends, investigated intrusion detection alerts and handled security incidents
- Security/system administration on firewalls, IDPS, routers, VPNs, proxies and various Linux/Unix servers

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

Education

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

Part-time study. Project management, sales & marketing, strategy.

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

Awards & certifications

AWS Certified Security – **Specialty**	**ISACA CISM (Information Security Manager)**
AWS Certified DevOps Engineer – **Professional**	**ISC2 CISSP (Information Systems Security Profess.)**
AWS Certified Solutions Architect – **Professional**	**CSA CCSK (Certificate of Cloud Security Knowledge)**
AWS Certified Solutions Architect – **Associate**	**ITIL Foundation**
AWS Certified SysOps Administrator – **Associate**	ISO 27032 Lead Cybersecurity Manager (expired)
AWS Certified Cloud Practitioner	ISO 27005/31000 Risk Manager (expired)
AWS Community Builder	ISACA CISA, ISC2 SSCP, CheckPoint CCSA & CCSE,
AWS Educate Cloud Ambassador	Cisco CCNA (all expired)

Other information

Citizenship: French

Languages: Bilingual English/French