



Martijn Motmans

Cloud Engineer
AWS Certified | Python
Developer

Contact

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About Me

Motivated Cloud Engineer with a strong interest in cloud infrastructure and automation, backed by AWS certifications and hands-on project experience. I have built and deployed applications in the cloud and developed skills in Python and automation. I aim to grow into a Cloud Engineer role where I can contribute to scalable solutions and deepen my technical expertise. I have a strong analytical mindset, enjoy solving technical problems, and pick up new tools and technologies quickly.

Languages

- Dutch – Native
- English – Fluent
- Frans – Intermediate

Skills

- Virtualisation: AWS, CI/CD, Docker
- Programming: Python, JavaScript, HTML, CSS, Bash, PowerShell (basics)
- Databases: SQL, PostgreSQL
- Data & AI: Python (NumPy, Pandas, Matplotlib, Seaborn), data-analyse and visualisation, Google Colab, LLM's, Github Copilot, Claude Code
- Tools: Git, GitHub, Linux, VS Code, Pycharm
- Cloud & DevOps: AWS (EC2, S3, IAM, VPC, RDS/Aurora, DynamoDB, Lambda, ECS/EKS, ALB/ELB, CloudFormation, CloudWatch, Elastic Beanstalk, Route 53, SNS, SQS, EFS), Terraform, Kubernetes (in progress)

Projects

- AWS Infrastructure Migration – Cost Optimisation**
Migrated a production AWS stack from us-east-1 to eu-west-3 (Paris), simplifying the architecture (RDS → SQLite, removal of ALB/ASG, ACM → Let's Encrypt). Achieved 83% cost reduction with zero downtime and implemented automated S3 backups.
<https://martinscloud.be>
- Interactive Blog Platform – AWS Deployment**
A full-stack Flask app with authentication, CRUD posts, comments, and an AWS RDS database, deployed in a custom VPC (CloudFormation) on EC2, backed by an Auto Scaling Group, ALB, and Route 53.
<https://martinscloud.be/blog>
- Flask Blackjack App – AWS Deployment**
Developed a Python-based Blackjack game as a Flask web application. Deployed on AWS Elastic Beanstalk with custom domain via Route 53 and HTTPS via ALB.
<https://martinscloud.be/blackjack>

Certification & Education

- AWS Certified Solutions Architect – Associate** 2025
Cloud architecture, AWS data services (S3, RDS, Redshift, Kinesis), infrastructure automation (CloudFormation, Lambda), networking and security (VPC, IAM, KMS)
- Tech Fundamentals - Learn.cantrill.io** 2025
Networking (OSI, DNS, TCP/IP, firewalls), encryption and security principles, virtualisation and containers, observability, backup and disaster recovery
- Docker Fundamentals - Learn.cantrill.io** 2025
Containerisation, image and container management, Dockerfile, deployment and container networking
- AWS Certified Cloud Practitioner** 2025
AWS core services, cloud concepts, well-architected framework, shared responsibility model
- 100 Days of Code - Angela Yu - Udemy** 2024 - 2025
Python programming, automation, REST APIs, data manipulation with Pandas

Work

- Founder & Independent Nurse | Home Care** 2019 - 2026
Running my own nursing practice, treating patients at home with full responsibility for medical care and operations.
Built trusted relationships with clients and families, ensuring personalized, high-quality care.
Managed administration, scheduling, and compliance, demonstrating independence, adaptability, and business ownership skills.