Liantsoa Rasata

www.linkedin.com/in/liantsoa-rasata • +49 1573 814 8436

Karlsruhe, Germany • *rmliantsoa@gmail.com*

Cloud Engineer with an AWS Solutions Architect – Associate certification and over 5 years of software development experience. Focused on building scalable and reliable cloud systems through automation and modern DevOps practices. Skilled in designing, deploying, and optimising AWS infrastructure using Infrastructure as Code and CI/CD pipelines, with a strong emphasis on performance, reliability, cost efficiency and continuous improvement.

Skills & Tools

Languages

JavaScript, TypeScript, Python, Java.

Tools and Frameworks

AWS (IAM, EC2, ECS, S3, Lambda, DynamoDB, RDS, VPC, CloudFront, API Gateway, CloudWatch), Terraform, Docker, Git, GitHub Actions, Linux CLI, React, Redux, Emotion, Storybook, Node.js, Strapi, Spring Boot, Cypress, Jest, Junit.

Expertise

Cloud Architecture and Infrastructure as Code (IaC), CI/CD Pipeline Automation, Serverless Application Design, Full-Stack Development, Performance Optimisation, API Integration, Security and Compliance, Cost optimisation, Monitoring and Troubleshooting, Agile Collaboration.

Work Experience

Software Engineer   **Orion Health**   Apr. 2022 – Feb. 2025

Auckland · Remote, New Zealand

- **Developed and optimised the Digital Front Door (Virtuoso),** a consumer-facing health engagement platform serving over 15 million people across North America and deployed in 12+ countries globally, enhancing digital access, navigation, and self-service experiences for patients and citizens.
- **Built and maintained a reusable React and TypeScript UI library** used across multiple solutions, improving frontend scalability, feature development consistency and maintainability.
- **Integrated and extended Strapi (Node.js Headless CMS)** through custom plugins and middleware development, enabling product-specific customisations.
- **Automated content migration** through **Python CLI tools development,** reducing manual content management and admin workload.
- **Enhanced web accessibility and performance** to achieve **WCAG compliance**, improving usability across devices.
- **Owned the technical design for feature integrations** and led cross-team discussions to achieve faster alignment and deliver higher-quality solutions.
- **Collaborated with cross-functional teams** using Agile methodologies, contributing to sprint planning, code reviews, and release documentation.
- **Recognised by peers with Employee Award nomination**, for initiative, collaboration and consistent delivery of high-quality software solutions.

Full-stack Developer   **Sept. 2016 – Sept. 2019**

Rennes · On-site, France

- **Developed and maintained the Flux Vision web portal**, delivering a secure analytics platform used by 70+ enterprise and public-sector customers to access mobility dashboards and reports powered by 15 billion daily data events from anonymised mobile network insights.
- **Implemented frontend modules** in **Angular and TypeScript** and **developed RESTful APIs** with **Java and Spring Boot**, ensuring seamless data integration.
- **Collaborated in Agile teams** to deliver iterative updates, optimise sprint velocity, and maintain code quality standards.
- **Strengthened deployment reliability** by implementing automated testing with **JUnit**, reducing production defects.
- **Supported CI/CD pipelines** with **GitLab and Jenkins**, accelerating deployment cycles and ensuring consistency across environments.

Education

Engineering Degree (Master's Level) in Computer Science, INSA Rennes, France **Sept. 2011 – Sept. 2016**

Projects

3-Tier web application **Aug. 2025 – Sept. 2025**

Designed and deployed **a resilient, scalable and secure full-stack web infrastructure** using **AWS ECS, RDS, API Gateway, Lambda, S3, CloudFront and Route53**. Implemented **Infrastructure as Code (IaC)** for scalable and safe deployments across environments, reducing setup time and improving reliability.

Serverless Image Uploader **Sept. 2025**

Developed a **serverless image upload system** leveraging **S3, API Gateway, Lambda, SNS and DynamoDB**, integrated with **BucketAV** for antivirus scanning. Automated file validation and storage, ensuring high availability and compliance with security best practices.

Serverless Image Moderator **Oct. 2025**

Built a **real-time image moderation workflow** using **Amazon Rekognition, SNS, Lambda and EventBridge**, automating inappropriate content detection. Enhanced operational efficiency through automatic tagging, alerting and quarantining of flagged assets, ensuring content moderation accuracy and reliability.

Certification

AWS Certified Solutions Architect - Associate, Amazon Web Services **Oct. 2025**

Languages

English (Bilingual C2), French (Bilingual C2), German (Elementary A2), Malagasy (Native)