



# LIANTSOA RASATA

**ASPIRING CLOUD ENGINEER | FULL-STACK ENGINEERING BACKGROUND |  
AWS CERTIFIED SOLUTIONS ARCHITECT – ASSOCIATE**

Based in Karlsruhe, Germany | Open to on-site or remote roles

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[LinkedIn profile](#)

[Github](#)

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## PROFILE

Aspiring Cloud Engineer with a newly earned AWS Certified Solutions Architect – Associate certification and a strong full-stack background (React, TypeScript, Java, Spring Boot). Experienced in owning the full development lifecycle, from technical design to implementation and cross-team collaboration. Currently deepening cloud and infrastructure skills through hands-on AWS and Terraform projects, ready to contribute to designing and deploying scalable cloud-native solutions.

## CERTIFICATION

[AWS Certified Solutions Architect - Associate | Oct 2025.](#)

## TECHNICAL SKILLS

**Cloud and Infrastructure:** AWS (EC2, ECS, S3, Lambda, DynamoDB, RDS, VPC, Cloudfront, API gateway, ELB, Cloudwatch), Terraform

**Frontend:** JavaScript, TypeScript, HTML5, CSS3, React, Redux, Emotion, MUI, Storybook, Jest, React Testing Library, Cypress

**Backend:** Strapi (Node.js headless CMS), Python, Java, Spring Boot.

**DevOps:** Git, Docker, CI/CD pipeline

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## HANDS-ON CLOUD PROJECTS

### Full-Stack Web Application on AWS

- Designed, built, and deployed a full-stack web app using Terraform and AWS services: VPC, Subnets, ALB, Security Groups, ECS, RDS, S3, Lambda, CloudFront, Route53, WAF, SNS, CloudWatch.
- Implemented resilient, scalable, secure infrastructure following best practices.

### Serverless Image Uploader

- Built a 100% serverless image uploader using S3, Lambda, and DynamoDB with optional activation of BucketAV antivirus.

### S3 Image Moderator

- Developed an image moderation pipeline leveraging AWS Rekognition to detect inappropriate content.
- Automatically alerts and tags flagged images stored in S3, integrating notifications via SNS.

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## PROFESSIONAL EXPERIENCE

### ORION HEALTH, SOFTWARE ENGINEER

**April 2022 - February 2025** (2 years 11 months) | **Auckland, New Zealand** (Permanent, Full-time, Remote)

Contributed to build the Digital Front Door, a consumer health platform for improved clinician-patient interaction.

- Developed and maintained a modular **React + TypeScript UI** component library across multiple apps.
- Built server-side tools (**Python CLI**) and integrated **Strapi (Node.js Headless CMS)** to streamline content workflows.
- Improved **UX, performance, and accessibility**; tested with Jest & React Testing Library.
- Collaborated in cross-functional Agile teams; led tech design discussions and mentored interns.

**Tech stack:** React, TypeScript, Redux, MUI, Emotion, Storybook, Jest, Strapi (NodeJS), Python, Docker, AWS, Git

### GAP YEAR, CAREER BREAK

**October 2019 - March 2022** (2 years 6 months) | **New Zealand**

- Relocated internationally and improved **English fluency, adaptability, and cross-cultural collaboration**.

### ORANGE BUSINESS SERVICES, FULL STACK WEB DEVELOPER

**September 2016 - September 2019** (3 years 1 month) | **Rennes, France** (Permanent, Full-time, On-site)

- Built the Flux Vision web portal from the ground up in an **Agile team**.
- Developed frontend features with **Angular & TypeScript** and backend REST API functionality with **Java & Spring Boot**.
- Maintained code quality with tests and supported CI/CD using Maven & GitLab.

**Tech stack:** Angular, TypeScript, HTML/CSS, Java, Spring Boot, JHipster, Maven, Git

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## EDUCATION

**INSA Engineering School - Engineering Degree in Computer Science (Master's Level)**

**2012 – 2016 (incl. Preparatory year 2011 – 2012)** | **Rennes, France**

Software Design and Software Development

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## LANGUAGES

English | Fluent (C2)

French | Fluent (C2)

German | Intermediate (B1) - currently learning

Malagasy | Native speaker