Liantsoa Rasata

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Cloud Engineer with AWS Solutions Architect – Associate certification and 5+ years of experience as a Full-Stack Software Engineer. Motivated by solving challenges in cloud infrastructure, automation, and scalable systems. Skilled in building, deploying, and optimising applications using AWS services, IaC tools, and CI/CD pipelines, with a strong focus on reliability and continuous improvement.

Skills & Technologies

- **Cloud and Infrastructure**: AWS (IAM, EC2, ECS, S3, Lambda, DynamoDB, RDS, VPC, CloudFront, API Gateway, ELB, CloudWatch).
- **DevOps and automation**: CI/CD (Continuous Integration & Deployment), Docker, Git, Basic Linux CLI, Infrastructure as Code (IaC) with Terraform
- **Backend Development**: Node.js (Strapi Headless CMS), Java (Spring Boot), Python.
- **Frontend Development**: JavaScript, TypeScript, React, Redux, Emotion, MUI, Storybook, Jest, React Testing Library, Cypress, HTML5, CSS3.
- **Interests and learning**: Artificial Intelligence (AI), Kubernetes, Microservices Architecture.

Work Experience

Software Engineer

Orion Health   **April 2022 - February 2025**

Auckland · Remote, New Zealand

- **Contributed to the development of 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.
- **Developed and maintained a modular React + TypeScript UI component library** used across multiple solutions, improving feature development consistency and maintainability.
- **Integrated and extended Strapi (Node.js Headless CMS)** by developing custom plugins and middleware, enabling product-specific customisations.
- **Built Python CLI tools,** automating content workflows and cutting manual content management and admin overhead.
- **Enhanced UX, performance, and accessibility;** and achieving WCAG compliance.
- **Collaborated in cross-functional, distributed Agile teams** and led technical design discussions, driving faster alignment and higher-quality solutions.
- **Recognised by peers with Employee Award**, exemplifying company core values through ownership, collaboration, and consistent delivery results.

Career break

October 2019 - March 2022

Relocated from France to New Zealand and improved English fluency, adaptability, and cross-cultural collaboration.

Full-stack Developer

September 2016 – September 2019

Rennes · On-site, France

- **Contributed to the development of the Flux Vision web portal from the ground up** in an Agile team, 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 features using Angular & TypeScript and developed backend REST APIs with Java & Spring Boot**.
- **Maintained high code quality through automated tests and supported CI/CD pipelines with Maven & GitLab**, reducing deployment errors and accelerating release cycles.

Certification

AWS Certified Solutions Architect - Associate   **Oct 2025 - Oct 2028**
Amazon Web Services

Education

Engineering Degree (Diplôme d'ingénieur), Master's Level, in Computer Science   **Sept 2022 - Feb 2025**
Institut National des Sciences Appliquées de Rennes, France

Projects

Full-Stack web application on AWS
Designed, built, and deployed **a resilient, scalable and secure infrastructure** for a web app using Terraform and AWS services (VPC, Subnets, ALB, Security Groups, ECS, RDS, S3, Lambda, CloudFront, Route53, WAF, SNS), enabling high availability and streamlined deployment across environments.

Serverless Image Uploader on AWS
Developed a **100% serverless image uploader** using S3, Lambda, and DynamoDB, with optional BucketAV antivirus integration, **reducing operational overhead and improving upload reliability**.

Serverless Image Moderator on AWS
Implemented an **automated image moderation pipeline** leveraging Amazon Rekognition, tagging and alerting flagged images stored in S3 via SNS, **enhancing content compliance and operational efficiency**.

Languages

- English: Bilingual
- French: Bilingual
- German: Elementary (A2), currently improving towards B1
- Malagasy: Native