LÉO YALCINTEPE

SENIOR SOFTWARE ENGINEER | TECH LEAD | CLOUD ENGINEERING

Florange, France · Luxembourg cross-border professional

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PROFESSIONAL PROFILE

Senior Software Engineer and Technical Lead with 9 years of professional experience in Luxembourg across digital media and insurance. Combines hands-on full-stack development, software architecture, technical leadership and AWS cloud operations. Experienced in end-to-end delivery, legacy modernization, production reliability, security and cross-functional coordination.

CORE TECHNICAL SKILLS

Application engineering: TypeScript, JavaScript, React, Next.js, Angular, Node.js, GraphQL, Apollo, REST, SSR, HTML/CSS, Sass/SCSS.

Backend and data: Java, Spring Boot, Spring Cloud, Spring Cloud Stream, Scala, Play Framework, Kafka, SQL, PostgreSQL, Prisma, Redis, MongoDB; exposure to Go microservice architecture.

Cloud and platform: AWS ECS/Fargate, EKS, ECR, EC2, S3, RDS, IAM, CloudWatch, CodeBuild, CodePipeline, CodeArtifact, Amplify, DynamoDB; Kubernetes, Docker, Terraform, CloudFormation, Argo CD, Istio, GitOps.

Leadership and reliability: Architecture, code review, mentoring, onboarding, Jira, Confluence, Scrum, CI/CD, Jenkins, GitHub Actions, monitoring, incident response, SRE, Cloudflare WAF/DNS, Fastly CDN/TLS.

Additional development: Python and AI-assisted engineering automation; C#/.NET personal project.

PROFESSIONAL EXPERIENCE

Maison Moderne / Paperjam | Senior Software Engineer / Tech Lead | Luxembourg | Aug 2019 – 2026

• Led hands-on engineering and technical delivery across French and English news platforms, membership/club, digital guides, newsletters and back-office applications.

• Designed and maintained server-rendered React/Next.js applications, Node.js services and GraphQL/Apollo integrations; guided architecture, code reviews and maintainable implementation choices.

• Contributed to modernization from legacy Scala/Play/Twirl applications to Next.js platforms supported by Go microservices.

• Supported AWS infrastructure evolution from ECS/Fargate to EKS using Kubernetes, Argo CD, automated image updates, Istio ingress and External Secrets.

• Owned production troubleshooting, deployment issues, monitoring, incident resolution, security and reliability; contributed to infrastructure and application cost optimization.

• Translated stakeholder requirements into technical specifications, prioritized Jira backlogs, documented decisions in Confluence and coordinated releases across product, QA, design, editorial and engineering.

• Supported onboarding, knowledge transfer and technical sessions; took ownership beyond the formal frontend scope.

PROFESSIONAL EXPERIENCE — CONTINUED

Maison Moderne / Paperjam | Additional technical scope

• Maintained AWS deployment workflows with ECR, CodeBuild, CodePipeline, CodeArtifact, load balancing, EC2, S3, RDS, IAM and CloudWatch; worked with Terraform and CloudFormation.

• Worked on Amplify, DynamoDB and serverless use cases; managed delivery and networking layers including HAProxy, Cloudflare and Fastly.

• Supported framework and runtime upgrades across Next.js, React, Node.js, Apollo and GraphQL, balancing modernization with production continuity.

• Integrated services including Stripe, Algolia, Salesforce, GTM, Gemius and consent management; contributed to CookiePro-to-Didomi migration, SEO improvements and Sass/SCSS modernization.

• Handled DNS, TLS, CDN and WAF concerns, monitoring alerts and external integration incidents; worked across application and infrastructure boundaries.

Foyer Assurances | Software Engineer | Luxembourg | Oct 2017 – May 2019

• Developed and modernized Easy Front / SAMNET, a business-critical insurance agency application for customer information and needs assessment, using Scala, Play Framework, sbt and Angular 4.

• Delivered features, integration fixes and releases in a Scrum team using Jenkins, Jira and Confluence.

Lombard International Assurance | Full-Stack Engineering Intern | Luxembourg | Mar – Aug 2017

• Developed an application release automation solution with an event-driven microservices backend and bot/web interfaces using Java, Spring, Spring Cloud Stream, Kafka, Angular 4, Maven, Docker and Redis.

• Worked with Jenkins, XL Deploy, XL Release, Sonar, Fabric8, Hubot, SVN, Vagrant, Jira and Confluence.

iTrust Consulting | Software Engineering / Cybersecurity Intern | Luxembourg | 2015 & 2016

• Developed Java/JavaFX and Maven tools for cybersecurity risk analysis, including Attack-Defense Trees and ADTop for selection of preventive controls; used GitLab, ADTool and Redmine.

SELECTED ENGINEERING PROJECTS

Media Planner: Deployed full-stack Next.js application with Prisma, PostgreSQL on AWS RDS and Terraform-managed infrastructure.

GridPilot AI: Python-based AI and engineering automation prototype with modular workflows and traceable processing.

LifeCore: C#/.NET life-insurance simulation project covering policy valuation, investment supports, fees and partial withdrawals.

ENGINEERING AND DELIVERY PRACTICES

• End-to-end ownership from requirements and design through development, infrastructure, deployment, monitoring and continuous improvement.

• Technical leadership through architecture decisions, backlog organization, technical documentation, mentoring and stakeholder alignment.

• Production reliability through incident investigation, observability, security controls, CI/CD and cost optimization.

• Pragmatic automation and AI-assisted development, with engineering judgment and accountability central to delivery.

EDUCATION

Master’s degree in MIAGE | Université de Lorraine | 2017 — Awarded with merit (avec mérite).

Erasmus — Computer Science | University College Dublin | 2015–2016 — GPA 3.33.

TECHNICAL SPEAKING & CREDENTIALS

YAJUG — Luxembourg Java User Group speaker, “Microservices avec Spring Cloud” (Jan 2018): Spring Boot, Spring Cloud, Netflix OSS (Eureka, Ribbon, Hystrix, Zuul), distributed tracing. yajug.lu/speakers/leo-yalcintepe/

AWS cloud credential — Devoteam-issued.

LANGUAGES & ADDITIONAL ACTIVITIES

French, English, Turkish; additional German and Russian. Volunteer: Open de Moselle / Metz tennis tournament. Interests: tennis, guitar.