

# Mikael Kohlmyr

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Experienced leader in Software Engineering with a proven track record of driving technical excellence and strategic initiatives in roles spanning technical leadership and people management. At Kaluza, led the engineering team of OVO Energy France, growing the business from zero to 35,000 customers. At Lumo Health, transformed cloud and application architecture, allowing the business to adopt a more mature DevSecOps posture. Seeking opportunities to build and lead agile teams with a strong sense of ownership in a dynamic environment.

## Lumo Health

Chief Technology Officer  
Aug 2024 – Present

Lead Software Engineer  
Sep 2023 – Aug 2024

GraphQL, NestJS, React,  
TypeScript, Terraform, Amazon  
Web Services

Led a team of internal and external staff in the development of cross-platform applications as the business undertook a strategic shift towards B2B.

Authored a comprehensive information security programme in support of ongoing due diligence activities, and plans to certify against recognised information security standards.

Outlined the product & technology vision and roadmap for the business in collaboration with senior clinical staff.

Developed a Slack integrated employee wellbeing tracker and conversational chatbot, built on the OpenAI platform, utilising retrieval augmented generation and function calling capabilities to meet complex requirements.

Implemented a DevSecOps initiative to overhaul the entire cloud architecture of the business, securing services within virtual private networks, migrating from Elastic Beanstalk to ECS Fargate, and introducing reproducible infrastructure provisioning with Terraform.

Introduced the concept of Hexagonal Architecture, driving gradual adoption of a new highly testable architecture for the backend codebase, resulting in greater test coverage and consistency in the design of API endpoints across the board.

## Healios

Software Engineering Manager  
Dec 2022 – Sep 2023

Python, Amazon Web Services

Led a team introducing a new multi-platform Service Oriented Architecture to the company, successfully launching the first non-monolith features in the business and receiving great feedback from end-users and stakeholders.

Improved mean sprint success rate by 20% across 5 cycles by grounding retrospective discussions in meaningful delivery metrics, resulting in more reliable throughput of work while maintaining scope.

Defined a new no-blame, high-ownership incident management process for the wider product engineering organisation, covering roles, assessment guidelines, response & communications.

## Kaluza (OVO Energy France)

Software Engineering Manager  
Oct 2020 – Jun 2022

Senior Software Engineer  
May 2019 – Oct 2020

GraphQL, Storybook, React,  
Terraform, Amazon Web  
Services

Led the Software Engineering function of OVO Energy France as we built our consumer facing energy supply business from initial launch to 35,000 customers and eventual acquisition by Eni Gas e Luce.

Defined and delivered against a technical vision based around a Service Oriented Architecture and the consolidation of existing infrastructure as code solutions.

Managed the professional development for a team of software engineers via quarterly goal setting, bi-weekly retrospectives and regular 1:1s.

Developed a range of web applications and services spanning customer acquisition, customer self-service tooling, CRM integrations and invoicing, all supported by key integrations into the utilities grid.

<b>Shipamax</b> Senior Software Engineer May 2019 – Oct 2020	Developed ETL services for tonnage search and cargo-book management tools for the shipping industry.
React, TypeScript, Python, Amazon Web Services	Implemented many-to-one path-finding for vessel selection, enabling rapid calculation of a large number of potential ETAs to a given destination.
	Reduced search results load time from 35 seconds to 5 seconds, by replacing ORM generated queries with optimised queries utilising more efficient join strategies and Common Table Expressions.
<b>SnapEngage</b> Software Engineer Nov 2016 – Feb 2018	Conducted research and development for a proof-of-concept one-way screen sharing solution based on DOM mutation event serialisation, enabling sales & support teams to drive browser navigation and form filling while communicating with customers via chat.
React, TypeScript, Java, Google Cloud Platform	
<b>Fresh Relevance</b> Software Engineer Jul 2013 – Oct 2016	Developed third party integrations, data-collection capabilities and CI/CD pipelines for an ecommerce personalisation and re-targeting platform.
Django, Python, JavaScript	
<b>University of Southampton</b> BSc, Computer Science Sep 2010 – Jun 2013	2:1