



Demian Thoma



Lukas Röllin

Graduate Candidates

Demian Thoma, Lukas Röllin

Examiner

Mirko Stocker

Co-Examiner

Leo Büttiker, yonesu GmbH, Olten, SO

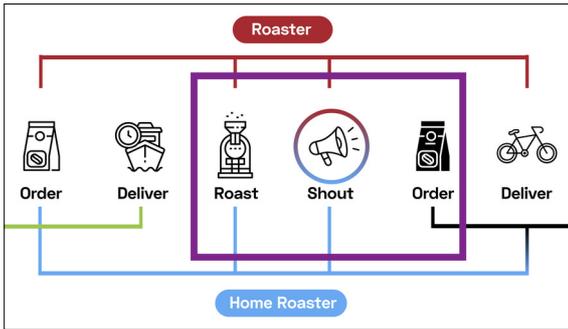
Subject Area

Internet Technologies and Applications

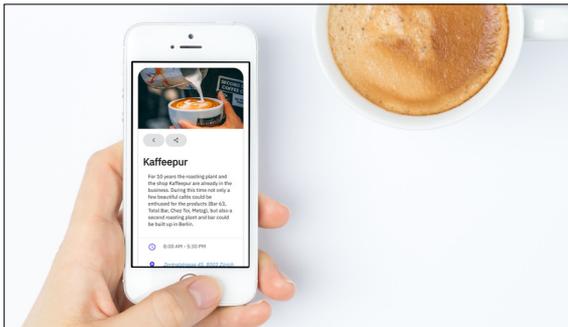
Project Partner

mikafi GmbH, Zürich, ZH

mikafi - platform for coffee enthusiasts



mikafi vision with emphasis on the MVP
Photo by Marius Disler (CEO mikafi GmbH)



Roasters can advertise their roast houses on the mikafi platform.
Template by Marianne Krohn under the Public Domain

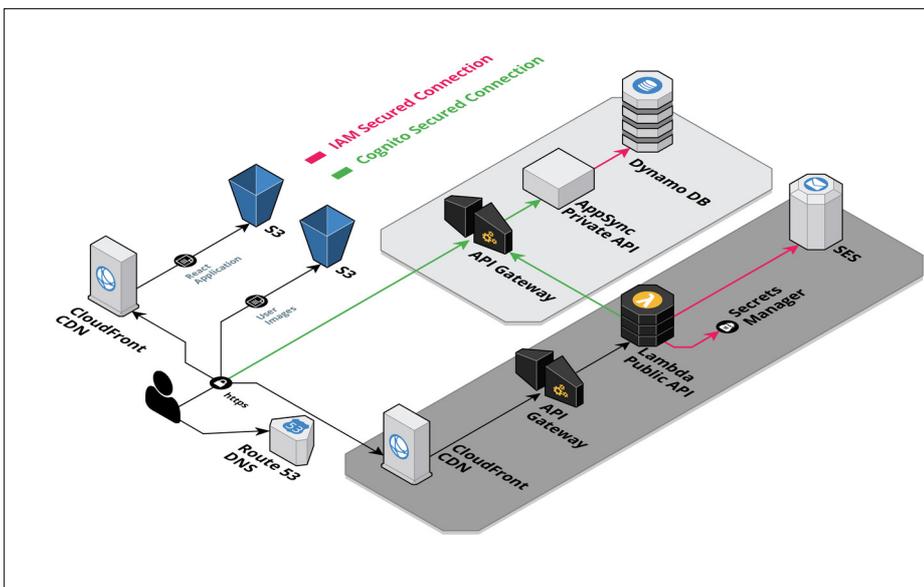
Introduction: mikafi's vision is to revolutionize the coffee industry by connecting the farmers, roasters and drinkers. They need a platform to bring good and freshly roasted coffee straight to their customers.

By focusing on roasters and drinkers, this bachelor thesis implements a minimum viable product (MVP) of a platform to connect roasters and drinkers online.

The online platform allows roasters (small and medium-sized enterprises or home roasters) to advertise their roast houses on a map along with their latest roasts. Interested customers can discover the offer that suits them the most (including features such as a coffee's taste or the intended machine type) and order the roasts directly on the platform.

Result: The platform is implemented by a serverless backend using multiple services on Amazon Web Services and a JavaScript frontend using React and TypeScript.

This MVP can be tested with customers and be extended to the complete mikafi vision in the future.



The resulting serverless architecture running on AWS.
Own work