Customer Identity and Access Management
Transforming connected, on-demand, consumer journeys

Enabling a seamless, connected experience

Keeping pace with today's development and challenges that come with a constantly evolving IT landscape, adds a range of capabilities to systems that underpin the connected services economy. This leaves considerable room for growth in a sector that drives exponential change to the way customers interact with services that span platforms and reshapes traditional business models.

Some of the prominent adopters of modern connectivity and accessible personalized services can be found in the automotive sector. This seemingly traditional industry has for the past few years started embracing significant shifts. In addition to the gradual move towards electrification and autonomous vehicles, the industry is also envisioning the car as a smart device. This becomes evident as more so-called connected cars leave the production line each year. And coupled with the consumers' desire to seamlessly access various personalized services in relation to a car, paves the way for new opportunities in a competitive marketspace.

Brief project rationale and objective

As today's connected customers expect easily accessible and personalized services through mobile apps and web portals, their identity and authorization become central in providing a unified experience across engagement channels.

You will be part of developing a modern customer identity and access management solution (front and back end) that addresses these needs and enables a customer journey flow from account creation to secure federation of 3rd party services. The intended solution will provide a secure, seamless consumer experience and ability to support digital services across multiple platforms - all built on top of a connectivity platform with scalable architecture.

What you'll learn and be part of

Front-end development
- Modern UI design for account creation and login flow (i.e. Angular, React, Vue.js, Ionic 2)
- In-app experience with login, account management (iOS, Android)
- App based multifactor authentication (iOS, Android)

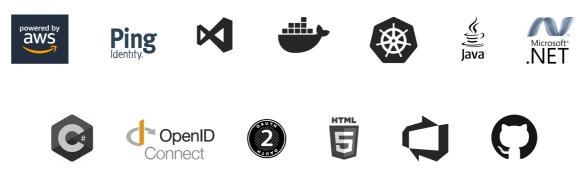- Social login, Account, Consent page and Admin GUI

Back-end development
- Cloud Automation based on AWS and Azure

- Infrastructure as code

- API management (microservices, lambda, node JS)

- Scalable cloud container management (Elastic, Kubernetes, Docker)

* Both front-end and back-end development teams will collaborate on backlog items that have dependencies to enable access to resources and applications through Authentication and Authorization management (Oauth2.0, Open ID Connect), thus being able to showcase a customer journey from account creation | login to secure federation of clients.

** Teams will also work with an Agile approach to development and be offered Scrum pre-certification sessions (should one aspire to become a certified Scrum Master).

Technologies and standards put in practice

*** Note. The above is showcasing a few technologies and standards and does not limit the team or project to explore and work with other tool/ technologies/ standards as best seen fit.

Project contact info

Please feel free to reach out if you need any further information

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