# SAVE YOUR WARDROBE

## Your Digital Wardrobe for a Sustainable Fashion Future

## PFE BOOK - 2023

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Design Team - Partners

**Berlin, Germany**
Support Team - Partners

# DevOps Department

# 1 Discover, assess, and migrate AWS infrastructure to Google Cloud Platform (GCP)

Verify prerequisites for migration. Prepare GCP resources. Set up permissions for your GCP account and resources to work with GCP Migrate. Run a test migration to make sure everything's working as expected. Run a full migration to Azure.

**Tools & Frameworks**
AWS Cloud, GCP, MongoDB, Bitbucket, Jira, Slack, ML, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
January 2023

**Period**
4-6 months

# 2

# Automate the Provisioning and Configuring of Secure Environments on AWS

Automated the partners onboard. Automate operations as much as possible and one key part is the environment and database setup. Explore different cloud automation tools like AWS OpsWorks, Chef Automate, and others to help build a POC of a fully automated environment setup. The workflow automation should allow different inputs and parameters to customize the environment to the need of the client account manager.

**Tools & Frameworks**
DevSecOps, Scripting (bash, shell, PowerShell), Git, Jira, Slack, Linux Servers, Networking, AWS Cloud, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
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**Period**
4-6 months

# 3

# Design and Implement a Robot Framework to Automate Tests and Monitoring

Automate end-to-end test scenarios. Link robot framework to DevOps ci-cd. Automate report generation. Ensure the measure of the quality of experience in live environments

**Tools & Frameworks**
JavaScript, MongoDB, React, NodeJs, Git, Jira, Slack, Machine Learning, AWS Cloud, Scrum / SAFe

**Number of Person**
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# R&D / Data Department

# 4

# Browse and Interact With Digital Wardrobes in VR Using the Metaverse

Creating a true metaverse that will unlock the full potential of digital fashion. The metaverse will allow users to digitally explore and navigate their wardrobe within new and existing social contexts and platforms.

**Tools & Frameworks**
Blockchain, AR and VR technologies, AI, IoT, MongoDB, NodeJs, Javascript, Git, Jira, Slack, AWS Cloud, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
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# 5

# Digital Passport integration : Conceive and Launch a Circular Product Data Protocol

Conceive a Circular Product Data Protocol which is a global identification system for apparel products in the circular economy. The Protocol brought together fashion, technology, and policy. The idea is to develop a pilot version of the Protocol, test it, and included consultation with organizations across the industry.

**Tools & Frameworks**
MongoDB, Express, React, NodeJs, Git, Jira, Slack, Machine Learning, AWS Cloud , Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
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**Period**
4-6 months

# 6

# Virtual 3D Fitting Space. Display Users Clothes on an Avatar in the App (Reactive Reality)

Conceive and implement a platform technology allowing the user to virtually visualize clothes in 3D and receive personal or professional feedback.

The function must be based on a patented innovative technology that automatically generates a 3D model of a garment. It must allow customers to try on various garments and give them the ability to clearly and accurately distinguish between materials, textures, shapes, folds and embellishments.

**Tools & Frameworks**
 MongoDB, Express, React, NodeJs, Git, Jira, Slack, AWS Cloud , Python, Tensorflow, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

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# 7

## Digital Onboarding for Partners: Create a secure platform to onboard Partners on Stripe

Every new Partner that is managed and tracked by a Cloud Administration Team should have an onboarding process. Maintaining administrative information about all applications in one central place helps the Cloud Administration Team to keep an overview about all projects, applications, and responsibilities. It also allows the team to inform all project managers and developers about changes and updates to the cloud landscape.

**Tools & Frameworks**
MongoDB, Express, React, NodeJs, Git, Jira, Slack, AWS Cloud , Python, Tensorflow,Scrum / SAFe

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**Study levels and degrees**
BAC + 5

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4-6 months

# 8

# Integrate NFT wallet in a digital wardrobe app to prove user's ownership & authenticity

Work on a platform that allow users to mint wardrobe items on different blockchain.

Creating smart contract / Creating a platform that interact with the smart contract / Integrate different wallets with the platform / Create interfaces to mint and transfer wardrobe items

**Tools & Frameworks**
 MongoDB, Express, React, NodeJs, Git, Jira, Slack, AWS Cloud , Python, Tensorflow, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
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4-6 months

# Mobile Department

# 9

# Digital Wardrobe Consolidation (iOS)

Consolidate Digital Wardrobe with New Features: Wishlist Integrations, Add an Item from the Web Browser or sharing feature, Introduce the social activity concept to ensure activities between platform users.

**Tools & Frameworks**
Xcode, Swift, SwiftUI, Git, Jira, Slack, AWS Cloud , Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
January 2023

**Period**
4-6 months

# 10

# Digital Wardrobe Consolidation (Android)

Consolidate Digital Wardrobe with New Features:  Wishlist Integrations, Add an Item from the Web Browser or sharing feature, Introduce the social activity concept to ensure activities between platform users.

**Tools & Frameworks**
 MongoDB, React Native, Git, Jira, Slack, AWS Cloud , Python, Tensorflow, Scrum / SAFe

**Number of Person**
1 person

**Study levels and degrees**
BAC + 5

**Starting from**
January 2023

**Period**
4-6 months

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# Product Department

# 11

# Set and Maintain Standards for Project Management Throughout an IT Organization

Create procedures and best practices that will help operations Go smoothly, Complete on time, and Result in quality deliverables. Looking for ways to Enhance project execution and Increase efficiency. Creating actionable plans which provide standards for undertaking projects in a structured and repeatable way. Focus on providing structure by funneling company and customer priorities into actionable goals which are then handed out to individual DevOps teams for them to tackle in a less encumbered manner.

**Tools & Frameworks**
Jira, Slack, Scrum / SAFe

**Number of Person**
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**Study levels and degrees**
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# Apply
# Immediately !

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