



Workday Implementation Automation System

Our US-based customer was working with many fortune 500 companies as a workday consultant. He has a good in-depth knowledge of issues facing by each company. So, he decided to create a product which can help those companies.

HCM Industry

Abstract

Workday is the ERP system for Finance, HR and Planning. It is a giant system and on each system update organizations who are using it, needs to hire professionals to cope up with the new version updates. Our customer is creating a portal, which will help the organizations to update a new version with minimal effort of a hired professional. As a result, the customer will be able to save thousands of dollars.

Problem Statement

There is no portal available in the market to serve the same purpose our customer wants to achieve with portal we goanna develop. The system requirements are not easy to understand.

- Manual support of workday updates.
- Time consuming process to accommodate changes on each release.
- High investment in workday functional team.
- No way to do risk analysis before configuration changes.
- Absence of defined best practices to recommendations for optimization.

Benefits Delivered

- Implemented secured and performance optimized solution.
- Created MVP product in decided time and help customer to make it revenue generated quickly.
- Able to provide risk assessment, Feature adoption and optimization recommendation. Expected by workday and SuccessFactors users.
- Within two years of timeline able to onboard from 1 to 30 fortune 500 happy customers.
- Workday user companies can finish two months of work in just two weeks.

Challenges & Limitations

- Isolation of customer data
- Handle system without PII data
- Follow OWASP compliances strictly
- Large amount of data within response from Workday.



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Aspire Solutions

Aspire established an end-to-end product development offshore team.

- Customer wise database for data isolation.
- Not used any PII data except email of user.
- Rapid vulnerability scans and generate a report from Tenable.io to make sure application following OWASP guidelines.
- Automation of application AWS infrastructure provisioning.
- Redis and WebSocket bases async data processing and notifications.
- Data search from Elasticsearch Indexes.
- Docker container and cluster-based environment to handle heavy workloads.

Technologies Used


HTML5, CSS3, Bootstrap, Angular, Gulp, Node(npm), RequireJS, UglifyJS, minifyHtml, JSHint, GitLab, Prerender.io, NodeJS, Express, MongoDB, Tenable.io, Elasticsearch, AWS(Rout53,EC2, CloudFront, ALB, WAF, GaurdDuty, S3, IAM, Compute Optimizer).

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The team at Aspire Software Solutions is simply the best. What makes Aspire so great is their attention to detail, availability and most importantly, their knowledge and expertise to deliver on time and according to requirements.

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