



Client Overview

- The client is an HRMS company providing Human Resource Management functions and operations

Application Overview

- Indium developed an HRMS product incorporating multiple HR modules and seamlessly integrating with Payroll and ESS systems. The system was built on a secure multitenant microservice-based architecture enabling a modular and configurable platform for increased scalability and customizability

Business Requirement

- Design a product architecture incorporating multitenancy, customizability, scalability and security, having functionalities for various HR operations and integrating with external applications.

Our Solutions

- The HRMS application was built leveraging Spring Boot for backend and Angular4 for frontend.
- Implemented a multitenant microservices-based architecture to enable customization, faster synchronization and increased the scalability
- Developed customizable features for HRMS modules like Manpower Planning, Recruitment, On-boarding, Appraisal, Training, Exit etc.
- Integrated the system with applications like Payroll Processing, Employee Self-Service etc., using SSO
- Deployed the product on AWS with an RDS service for MySQL

Business Impact

- Customer satisfaction: 40% increase in customer satisfaction from a single end-to-end product, incorporating all HRMS features
- Data integrity: Increased integrity of data due to the multitenancy architecture.
- Ease of use: 30% reduction in time and effort to customize components for each new tenant

Tools

- Spring Boot, Angular 4, MySQL, AWS, RDS, RabbitMQ