Batoi:

Saved ~40% manual effort for an Indian Public Sector Selection Board

Customer Organisation:
A Public Sector Selection Board

Vertical:
Railways / Logistics

Customer Location:
India

Use case:
Operational Efficiencies

OBJECTIVE

For the recruitment process:

- Provisioning a scalable server platform
- Custom application for data management

PROBLEM STATEMENTS

- Data transaction volumes created a bottleneck for the existing server infrastructure & data management process in the existing software application
- The system had multiple input interfaces - from a third-party vendor to bulk-upload data into the system & for internal users to add meta-data

BATOI®

CLOUD SOLUTION & APPROACH

- The application used open source Cloud Application Framework, Opendelight. A DevSecOps pipe was configured within Batoi Cloud infrastructure

- The application was provisioned with bulk-upload facility for the third-party vendor, data management interface for organizational users, automation in the data validation process with pre-defined rulesets, a public interface for applicants to download their examination documents & dashboards for different executive roles to visualize & audit recruitment process & to download reports into spreadsheets

- A Virtual Machine (VM) was provisioned, equipped with auto-scale tools, so that spikes in usage during bulk imports & mass download of documents by the applicants does not impact the performance of the software application

- A document was created & provided for the users to manage the system effectively & the best practices for reference

- A training session was also conducted on-premises

- An account manager & a technical consultant were assigned from Batoi during the entire duration of the project for smooth coordination among teams (Batoi, customer & the third-party data vendor), conflict resolution around user requirements & training/support for effective usage of the software & cloud infrastructure

Third-Party Data Vendor

Cloud Server with Auto-scaling

- Data Management Module
- Automation of Data Validation
- Dashboards and Reports
- Processed Documents for Applicants

Organizational Executives

Applicants

BENEFITS FOR CUSTOMER:

- The new computing infrastructure prevented the application from crashing during instances of heavy downloads
- Data integration process was improved & saved almost **40%** of manual effort