Customer Context & Goals

The client is one of the leading travel technology pioneer, providing robust platforms and solutions to the Travel Industry.

The DevOps and Cloud Automation CoE helped the customer:

- Optimize development and operations activities through structured processes, automation and collaboration

Challenges

Developing interface to manage the flow and process of CI

- Monitoring, Logging, Alerting and Analytics for the distributed environment with isolated sub-systems

20+ Release Environments
20 Releases per month
92% Reduction in testing & Release cycle time
Solutions

- Developed Shell scripts for code compilation, error reporting and package creation
- With 20+ releases and support desk, the team ensured exceptional customer experience
- Monitor, Manage health of 20+ release environments hosting 150+ applications
- Supported 18+ environments for the release program

Business Benefits

- Reduced the deployment window from 20 hours to 1.5 hours with automation
- Superior travel experiences delivered by innovating, integrating disparate IT apps and systems at the Airports
- Code optimization, reduced system downtime by 90%

Tools and Environment

- **DevOps**
  Puppet, Jenkins, Ansible, ELK Stack, GitHub

- **Cloud**
  Openstack/Openshift, VMWare

- **Database**
  MongoDB, MySQL, PostgreSQL

- **Automation Scripting**
  PHP, Ruby, Python, HTML

- **Application Servers**
  Java/Tomcat

- **Agile Project Management**
  JIRA

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients Innovate, Integrate, and Transform their business by leveraging disruptive technologies like mobility, big data analytics, cloud, IoT, DevOps, RPA, software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

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