

# GEORGY LORIYA

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## EXPERIENCE

### Appian Strategic Practice Lead

11/20 - 11/22

Data Inc, Bank of America Contract - Charlotte, NC

- Engineer and implement digitization systems to streamline siloed processes
- Provide technical and architectural guidance to multiple teams
- Lead design sessions for developers and provide solutions for complex requests
- Train and provide knowledge transfers for Appian developers
- Prepare, execute and deploy national release packages, coordinate national disaster recovery events
- Architect and design enterprise-wide solutions in Appian 18.2 – 20.4
- Act as SME on Appian during meetings with line of business and roadmap creation
- Integrate custom plugins and be point of contact with external teams
- Manage and improve production Appian and DB cluster performance
- Implemented and streamlined automated unit testing execution across all Appian teams
- Architect and implement materialized views, stored procedures, triggers, tables, indexes, complex queries, and other Database objects

### Projects:

#### Enterprise Associate Onboarding System

- **Responsibility:** Solutions Architect / Principal Developer
- **Project Impact:** 2000 hours of work saved per year
- **Description:** System of record for tracking and managing associates onboarding workflow in the Bank

#### Enterprise Associate Training System

- **Responsibility:** Solutions Architect / Principal Developer
- **Project Impact:** 200 weeks of work saved per year
- **Description:** System of record for tracking and managing associates' required training materials

#### National Communication Infraction Tracking System

- **Responsibility:** Solutions Architect / Team Lead
- **Project Impact:** 1000 hours of work saved per year. System robustness allowed to switch audits from quarterly to semi annually
- **Description:** System of record for tracking and processing communication infraction incidents

#### Hierarchy Management System Refactoring

- **Responsibility:** Solutions Architect
- **Project Impact:** Reduced server load by 60%. Reduced hierarchy onboarding process from 4 months to 2 weeks.
- **Description:** Enterprise wide hierarchy management system for various Bank organizations

#### Retrospective Portal

- **Responsibility:** Principal Developer
- **Project Impact:** Eliminated need for use of offline tools during Agile Retrospective meeting
- **Description:** Online collaborative system for conducting retrospective meetings

#### Configurable Paging Info

- **Responsibility:** Principal Developer
- **Project Impact:** Allowed users to freely navigate large data grids across all Appian applications in the Bank
- **Description:** Custom build utility that allows you to efficiently navigate large data sets. Reusable component has been adopted across multiple teams in the Bank

## Solutions Architect

3/19 – 8/20

Matlen Silver, Bank of America Contract - Charlotte, NC

- Develop complex components, design new features, enhance existing functionality
- Represent multiple Appian teams during Community of Practice, contribute to company best practices
- Establish Appian best practices wiki portal for testers and developers in the organization
- Guide architectural discussions, hold best practices meetings for developers
- Provide guidance and training with hands on experience for junior developers
- Provide support for national releases, analyze and fix critical bugs

### Projects:

#### National ATM Management System

- **Responsibility:** Architect / Team Lead
- **Project Impact:** Eliminated paper consumption of 16,000 pages a day. Reduced time needed for single form completion by 60%. Minimized audit infractions and compliance risk.
- **Description:** Digitized and automated smart tablet based form for managing ATMs in all financial centers

#### Enterprise Associate Evaluation System

- **Responsibility:** Architect / Team Lead
- **Project Impact:** Improved associate excellence and productivity in all financial centers by 15%.
- **Description:** System of record for tracking financial center associate performance and improvements

#### Financial Center Floor Plan Management System

- **Responsibility:** Architect / Team Lead
- **Project Impact:** Eliminated inefficient use of financial center floor plan
- **Description:** System of record for surveying and reporting of financial center floor plan usage

#### Financial Center Physical Security Audit Tracking

- **Responsibility:** Principal Developer
- **Project Impact:** Eliminated paper consumption of 12,000 pages a day. Reduced time needed to open and close a financial center by 40%.
- **Description:** Ipad based application for recording financial center required security forms for opening, managing and closing financial center daily

#### Developer and Tester User Portal

- **Responsibility:** Principal Developer
- **Project Impact:** Streamlined and centralized all needed tools for Appian developers and testers. Reduced manual tasks during development by 60%. Eliminated communication issues and audit risks of password sharing for test users
- **Description:** Single portal for all developer and tester tools with automation of manual repetitive processes

## Application Developer I

7/17 – 2/19

University of South Florida - Tampa, FL

- Design, modify, enhance and test SAIL components and process models using Appian 18.4
- Establish best practices and create reusable shared components for platform applications
- Design ERDs for new applications, create and modify custom data types using XSD
- Collaborate as an active member of SCRUM team, assist product owner during zero planning
- Develop applications for desktop and mobile from scratch, support existing projects
- Created and executed detailed test plans utilizing automated Appian unit testing

### Projects:

#### Medical Student Performance Evaluation (MSPE) System

- **Responsibility:** Principal Developer
- **Project Impact:** Reduced time needed to generate MSPE from 2 months to 3 weeks.
- **Description:** System of record for generating official MSPE form for all medical students in university

## **Faculty Course Management System**

- **Responsibility:** Principal Developer
- **Project Impact:** Digitized and automated schedule generation and management for Morsani college of Medicine
- **Description:** System of record for tracking and managing of all courses taught to medical students

## **Travel Reimbursement Management System**

- **Responsibility:** Support Developer
- **Project Impact:** Digitized and automated reimbursement and approval process for all University faculty members (Over 10,000 active users)
- **Description:** System of record for approving and tracking of all business expenses at the University

## **SKILLS / CERTIFICATIONS**

**Proficiency:** Resource Allocations, Budget Planning, Appian 17.1- 23.1, SQL, XML, SOAP, JSON, JBoss, Web Services, Java, Unix, Oracle Database, Web API, Python, RESTful API, HTML, CSS, Wordpress, Autosys, Git, BitBucket, Jenkins

**Certifications:** SAFe 6 Advanced Scrum Master, Appian Certified Associate Developer

## **EDUCATION**

- MS, CS Human Computer Interaction, Expected 2025, Georgia Institute of Technology, Atlanta, GA
- MS, Computer Science, Lewis University, Romeoville, IL
- BS, Computer Science, University of South Florida, Tampa, FL