Urvi Patel

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SUMMARY: Software development experience in the financial industry in Agile

environment. Acquired familiarity with various programming languages, object-oriented design, and the software development life cycle as part of a software development team.

EXPERIENCE:

ABN AMRO Clearing

Software Developer (C#)

Sep 2019 to Present

Created application to accept and parse non-standard FIX messages from exchange to process Give Up trades, which allows business to generate $120K per month

Part of a team to move Trade Capture system from C#/Windows environment to Java/Linux. Migrated code from C# to Java for various applications and deployed to Linux machines in Docker containers

Currently working on Trade Capture system, a Crown Jewel application, adding code to support new FIX tags, implementing new features, enhancing/expanding existing features, participating in DR exercises, and fixing bugs

Handling production issues for Trade Capture system, entailing immediate code fix and/or immediate remedy on live system

Converted numerous Windows .bat scripts into Python

Created C# application to automate the creation of emails to clients for Delivery Team, with details of long and short positions for various products and exchanges

Developed recons for Risk Team, comparing data from past 2 consecutive days and

outlining any differences

Contributed to application that extracts and stores data from SalesForce for use by downstream systems

Bank of America

Software Developer (Python)

June 2016 to Aug 2019

Analyzed current Production bugs for Trade Capture system and provided fixes in 2-week Sprint cycles

As part of support rotation, provided Level 2 software support for Production issues as escalated by Support Team. Debugged issues and provided immediate code fixes when needed

Added backend and frontend features to Trade Capture system as required by users, which included making changes to feeder to clearing firm, providing a GUI to perform Partial Exercise of Index Option trades, and adopting new functionality provided to existing code base

Responsible for all aspects of feature, including gathering requirements from users, implementation, writing unit test, performing developer testing, addressing issues and concerns brought up by users during User Acceptance Testing, and release management for deploying feature to Production

Made significant contribution to company’s effort to migrate risk calculation from old database to new database. Worked on data quality, ensuring trades were in proper state, wrote code to allow translations between old database and new, and continuously analyzed and fixed differences in trade attributes as reported in daily report

BlueBolt Solutions

Junior Web Developer

October 2015 to May 2016

Co-developed UWP application for an asset management system to serve as demo of finished product, added screens and functionality as needed.

Achieved desired responsiveness for front end of UWP application using XAML

Completed development tasks to implement various features of UWP demo application, as well as for handling data export to Mongo database

Developed features to add to search functionality for various DotNetNuke websites, and made changes to front end via JavaScript and AngularJS

EDUCATION:

DePaul University

Master of Science, Computer Science

Awarded Spring 2018

SOFTWARE: Visual Studio, Intellij, Rider, Git, Linux

PROGRAMMING LANGUAGES: C#, Java, Python, SQL

CITIZENSHIP STATUS: U.S. Citizen