

Sr. Software Engineer / Full stack developer Sr. Software Engineer / Full stack developer Sr. Software Engineer / Full stack developer - Dealer Track Technologies Inc New Rochelle, NY Work Experience Sr. Software Engineer / Full stack developer Dealer Track Technologies Inc - Lake Success, NY March 2013 to Present As a Sr. Software Engineer my responsibilities range from design, development, implementation of highly scalable, high-volume software systems, components, client-facing web applications to leading code reviews, mentoring team members working closely providing technical guidance and oversight. Some of the high-lights of my daily activities are as follows: Coding within multiple technology stacks: ? Front-end: HTML, CSS, ReactJs, JavaScript ? Back-end: server, application, database using languages like Python with Django REST framework, MongoDB, Oracle, Redis, IBM DataPower, other significant python modules like Panda, Numpy, Beautifulsoup, SQLAlchemy Incorporate appropriate database technology utilizing SQLAlchemy ORM Contribute in system design practice within an enterprise or industry architecture. Influence industry-based models for the development of new technology applications. Develop effective implementation and procurement strategies, consistent with business needs. Ensure adherence to relevant technical strategies, policies, standards and practices Contribute to product and solution designs to address critical issues and complex problem Works with Product Management to understand the challenges that customers and end users face in their day-to-day work and partner with them to design viable solutions. Recommends viable solutions to processes, technology, and interfaces that improve the effectiveness of the team and reduce technical debt. Builds software applications across multiple platforms in response to the needs of stakeholders. Performs trouble-shooting efforts and investigations when necessary. Provides ongoing support, monitoring, and maintenance of deployed products. Actively Take part in reviews of own work and lead reviews of colleagues' work.

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~~~~~ Work History (Prior) Sr.

Software Engineer, development platform Python Django REST framework, ReactJs, SqlAlchemy ORM Dealer Track Inc 2013 to 2019 Prior Experiences: Sr. Software Engineer Publisher Clearing

House - Port Washington, NY October 2012 to March 2013 Lead Engineer managing 3 on-site team members with responsibilities ranged from working closely with business partner in developing solutions to improve the application usability, customer experience introducing either new technology or enhance the existing system, design, development to planning, delegate tasks to team members as well over site the projects until completion. Some of the routine activities high-light as follows

- Involved in preparing engineering specification with OOA and OOD. Used UML Tools to develop Use Case diagrams, Class diagrams, Collaboration and Sequence Diagrams, State Diagrams and Data Modeling.
- Wrote python scripts to parse XML documents and load the data in database.
- Hands on development work implementing REST API's in Python using micro-framework like Flask with SQLAlchemy in the backend for management of data center resources on which OpenStack would be deployed.
- Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
- Managed datasets using Panda data frames, Cassandra and MySQL, queried MYSQL database queries from python using Python-MYSQL connector and MySQLdb package to retrieve information.

Developed various algorithms for generating several data patterns while used Python Library Beautiful Soup 4 for Web Scrapping to extract data for building graphs

Worked on Jenkins continuous integration tool for deployment of project. Deployed the project into Jenkins using GIT version control system

Contract, Sr. Software Engineer ISO.com 2010 to 2013 in different companies in NY (Active Health, ISO.com, PCH.com)

Python programmer Verisk Analytics - Jersey City, NJ March 2012 to October 2012 Hands on development of analytic tools/application using Django. Responsible for gathering requirements, system analysis, design, development, testing, and deployment. Developed Business logic using Python 2.7. Engaged in other activities in but not limited to are,

- Used Django framework (e.g. MTV) for application development.
- Responsible for setting up Python REST API framework using DJANGO.
- Involved in Developing a Restful service using Python Flask framework as well
- Developed Django web-based SOA applications for risk analysis calculations
- Developed entire front-end and back-end modules using Python on Django web framework
- Used Pandas library for statistics Analysis and Numpy/Scipy for Numerical

analysis for insurance premium calculations Sr. Automation Engineer / Automation Architect Active Health - Manhattan, NY December 2010 to February 2012 Develop data driven automated scripts for full regression testing of the application in multiple environments - Staging, Pre-Production and Production Created a hybrid framework with reusable functions, shared object repository, checkpoints, driver scripts, shared data tables, reusable actions and keywords using Excel automation with macros Developed scripts for Smoke and Sanity testing.

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Active Health (Manhattan, New York) Dec'10 - Feb'12 Sr. Automation Engineer / Automation Architect Develop scripts to verify availability and performance of the application with failure notification via email and performance numbers reporting Integrate scripts with windows scheduler to run automated jobs Develop automated scripts to test Web Services and monitor response time

Incorporated database testing in to the automation scripts for both Oracle and SQL Server databases. Reported defects from Automation testing and followed the bug life cycle in the defect tracking tool

Team Lead/Manager Trainee State Farm Insurance - Bloomington, IL January 2008 to January 2010 Software QA Team Lead for 15 team members with responsibilities ranged from managing QA resources, delegating tasks to Off-shore and On-site testers, producing Test Plans, process documentation, and coordination of the implementation of the quality process and best practices. Some of the activities break down as follows:

Team management: Managed the quality assurance team including resource allocation, project schedules, and all testing related activities of 5 directs and 10 indirect testing resources.

Development Project Planning: Planed and defined project timelines and deliverables such as application deployment & build, code review, integration milestone, feature coverage matrix, test cases, defect resolution strategy, procedure of test analysis for functional and performance testing.

QA Best Practice Implementation: Established and oversight the implementation of the QA best practices as well as adherence to testing policies, procedures, on time deliverables and worked in partnership with development teams, business analysts to understand the process improvement gap.

Agile Scrum Master and Agile Coach. One of my

strongest attributes as QA lead is processes improvement. I trained, motivated the QA team embrace best practices and emerging testing methodology, such as Agile in many of my projects.

QA Project Coordination: Successfully used skills to lead and coordinate multiple QA projects in parallel. The projects were several years long and included a web based n-tier application migration in J2EE. Software Resource Development: Determined Software resources, its accommodation & training needs as well provided written justifications for new purchases and licenses. Launched and led programs to improve the overall team skill level, and defined training programs for the individual team members. All the programs and strategies are geared toward corporate 3 years skill achievement and enhancement mission. Established Requirement & Deliverable Goals: Provided estimation, requirement and implementation opportunities for Automation, and improvements in the Testing process. Establishing performance testing competency or requirement BVM (Business Volume Matrix) was part of the role. Subject Matter Expert: Performed the Key Point of Contact for any Testing activities and represented QA Team in different corporate, cross functional strategy, goal, planning etc. Meetings: Presided and coordinated the Defect meeting, Test Suite review and requirement analysis sessions, weekly team meetings and 1x1 sessions with team members to discuss the improvement opportunities. I acted as liaison between QA resources, and PM, BA, Development team as well as project stack holders Fulltime, Lead Software Engineer State Farm 2008 to 2010 Contract, Sr. Software Engineer\Lead in different companies in Midwest 3M, Hartford Life 2005 to 2008 Fulltime, Electrical Controls & Firmware Engineer Htch.com 1997 to 2005 Loram.com, Quantum Controls) Education MSc in Software Engineering, BSc Dale Carnegie Skills .net (Less than 1 year), Angularjs (Less than 1 year), application development. (Less than 1 year), C+ (Less than 1 year), Django (10+ years), Java (Less than 1 year), Jira (Less than 1 year), Model view controller (Less than 1 year), Model-view-controller (Less than 1 year), Mvc (Less than 1 year), Panda (6 years), Python (10+ years), Rally (Less than 1 year), Selenium (Less than 1 year), Splunk (Less than 1 year), Subversion (Less than 1 year), Svn (Less than 1 year), testing (3 years), Visual basic (Less than 1 year)

Name: Nicole Rodriguez

Email: chavezcode@example.org

Phone: (334)411-4651x1745