

Automation Engineer ( Python) Automation Engineer (Python) Automation Engineer ( Python)

Lewisville, TX \* 3 years of core IT experience, a strong background in Backend and Web/Application Development. Proven ability to design, develop and deploy top-quality software projects. \* Strong understanding of Object Oriented Programming (OOPs) Java and Python. \* Managed Dependencies while practicing Continuous Integration/ Continuous Delivery. \* Experience in web application development using Python, Django. \* Well versed in implementing different python libraries: NumPy, SciPy, PyTables, Matplotlib, Beautiful Soup and urllib2 in various applications. \* Experience in working with Web Technologies such as HTML, CSS, JavaScript, Bootstrap, AJAX, XML, DOM, and JSON following W3C standards. \* Familiar with RESTful API and AWS (Amazon Web services). \* Proficient in SQL databases MS SQL, SQL Server, SQLite and PostgreSQL and NoSQL database like CouchDB. \* Hands-on Experience in Django ORM. \* Proficient in writing unit testing code using unittest/ PyTest and integrating test code with build process. \* Knowledge and sound experience in Test Driven Development (TDD). \* Sound Experience in using different version control systems like Git. \* Experience in working with different operating systems Windows, Linux, Mac OS X and UNIX. \* Worked in various stages of the SDLC including requirements analysis, Design, Development and Testing, and User support. \* Virtualization using VMware and Oracle VirtualBox. \* Profound understanding of Hadoop and Spark ecosystem. Authorized to work in the US for any employer

Work Experience Automation Engineer ( Python) Samsung Electronics America - Richardson, TX April 2017 to July 2017 Responsibilities: \* Responsible for writing the core of an automation tool for Samsung Galaxy S8 in python. \* Designing and creating low level libraries and helper libraries for the automation tool. \* Creating, debugging and updating code on daily basis to match the changing requirements and updates on Bixby. \* Automating the testing process of Samsung galaxy S8 and S8+ by creating python test scripts. \* Using Git as a version control system. Technologies: Python, GIT, Eclipse, Jython

Software Software Intern Alstom Signaling - Melbourne, FL June 2016 to August 2016 Responsibilities: \* Developed entire frontend and backend modules using Python on Django Web Framework. \* Responsible for full stack development. \* Created frontend using HTML, CSS, Bootstrap, JQuery, AJAX and Javascript. \* The

project was a complex query project which queries the database based on different parameters. Written comprehensive SQL stored procedures. \* Developed the database tier using Django ORM. \* Involved in the Complete Software development life cycle (SDLC) to develop the application. Followed AGILE development methodology to develop the application. \* Developed new database schema. \* Worked on backend development of NI Teststand testing tool. Tweaking and comprehending configuration sequences files to enable the display of different parameters in the HTML report. Technologies: Python, Django, WSGI, JavaScript, MySQL, Shell Scripting, System Integration Engineer/ Python Developer Dell International Services - Noida, Uttar Pradesh July 2014 to August 2015 Responsibilities: \* Responsible for development and support of integration processes between ITSM platforms. \* Dell Boomi Certified, Boomi Developer. \* Set up a virtual lab on virtual server for testing of BMC ADDM Data Discovery. \* Created as well as maintained an existing website in Django platform. \* Created a django blog website for ETI Team and developed on Resource Optimization Tool Website. \* Responsible for the full stack development. \* Written Backend logic, created modals using PostgreSQL, templates using Django Templates. \* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, Angular, Bootstrap and JQuery. \* Unix shell scripting using Python. \* TDD approach for developing the application and used various test modules/tools such as MOCK, Coverage, NOSE, and PyChecker. Technologies: ITIL, Python, django, Bootstrap, Amazon EC2, AJAX, JQuery, JSON, Cython, JavaScript, RabbitMQ. Python Developer Artech Info System - Noida, Uttar Pradesh October 2013 to June 2014 Responsibilities: \* Worked on high level design and detail design Developed GUI using Python, PostgreSQL, HTML, AJAX, CSS, JavaScript and jQuery. \* Built application logic using Python and PostgreSQL. \* Responsible for creating django forms for the website and maintaining the internal inventory website. \* Customized Django admin page. \* Extensively involved in testing the front end claims inquiry, claim validation screens using PyTest testing framework. \* Involved in SQL performance tuning, worked on materialized queries and stored procedures in SQL. Telecom Intern Huawei Telecommunications June 2012 to August 2012 Responsibilities: \* Testing of LTE, UMTS devices. \* Attended

presentations on call connections, processing and LTE infrastructure. Education Masters in Science in Computer Information System Florida Institute of Technology - Melbourne, FL December 2016 Skills AJAX (2 years), CSS (2 years), Django (2 years), Python (2 years), testing (2 years) Additional Information TECHNICAL SKILLS    Programming Languages Python, Java, C#    Web Frameworks Flask, Django, .NET    Web Technologies HTML/HTML5, CSS/CSS3, XML, DOM, JavaScript, Angular, AJAX, jQuery, JSON, Bootstrap, Django Template, react.js    Databases MySQL, MS SQL, PostgreSQL, CouchDB    Version Controls Git    IDE(s) Eclipse (PyDev), Pycharm, IntelliJ IDEA, NetBeans, Sublime Text    Deployment Tools Amazon EC2    Testing/Debugging Tools PyTest, UnitTest, MOCK, NOSE, PyChecker, PyLint, GDB, pdb, NI Teststand    Operating Systems Linux, UNIX, Windows

Name: Timothy Rodriguez

Email: ivillarreal@example.com

Phone: +1-361-788-3980