

Python Engineer Python Engineer Python Engineer - NetApp Wichita, KS 4+ years of experience in IT industry with proficiency in Design & Development using, Python, SQL. Experience in application development using Python, HTML5, CSS, JavaScript. Worked on several Python packages like Numpy, SciPy, Matplotlib, Pandas, and CSV. Worked on various applications using Python integrated IDEs Sublime Text, PyCharm. Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment. Excellent knowledge of OOPS, Multi-Threading and Collections concepts and its usage in Python and Java. Strong Experience in web-based UI design and interface development using HTML, CSS, JavaScript. Worked on Python Libraries by following the best practices using PEP-8. Maintained the code using source version controls Git and CVS. Involved in producing and consuming web services using both REST and SOAP. Experience in working with different operating systems like Windows, Linux. Worked on JIRA for bug tracking and communicating for better results. Good knowledge on NoSQL databases like Cassandra, MongoDB. Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL, PostgreSQL, Cassandra, Oracle and MongoDB. Skilled in writing and reviewing requirements, architecture documents, test plans, design, documents, quality analysis and audits. Exceptional problem solving and decision-making capabilities, recognized by associates for quality of data and alternative solutions.

Work Experience

Python Engineer NetApp - Wichita, KS April 2018 to Present Responsibilities: Evaluated business requirements and prepared detailed specifications that follow project guidelines required to develop written programs. Designed, added and maintained new database tables for new functions. Wrote Python modules to extract/load asset data from the MySQL source database. Used python sub-process module to call UNIX shell commands to check directories or files exists. Rewritten existing Python modules to deliver certain format of data. Responsible for debugging the project monitored on JIRA (Agile) Wrote Python scripts to parse JSON documents and load the data in database. Used Bootstrap front-end framework for faster and easier web development with MySQL database. Deployed the project into Rackspace using GIT version control system. Worked in MySQL database on simple queries and writing Stored Procedures for normalization and

denormalization. Build SQL queries for performing various CRUD operations like create, update, read and delete. Skilled in using Collections in Python for manipulating and looping through different user defined objects. Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support. Responsible for debugging and troubleshooting the applications using unit test module. Integrated Build Process through Jenkins to various SCM tools like GitHub, SVN. Used Git for code submissions and review process. Wrote Python scripts to parse JSON documents and load the data in database. Worked in development of applications especially in LINUX environment and familiar with all its commands. Environment: Python2.7, Json, XML, MySQL, JavaScript, Mongo DB, PyCharm, GitHub, AWS, Linux, Unit Test, Jenkins, HTML Python Developer January 2017 to December 2017

Responsibilities: Associated with various phases of Software Development Life Cycle (SDLC) of the application like requirement gathering, Design, Analysis and Code development. Built various graphs for business decision making using Python matplotlib library. Developed and tested many features for dashboard using Python, Bootstrap, CSS, and JavaScript. Worked with optimization of server resources, Amazon Elastic Cloud instances and website security, Web services /REST, Amazon AWS. Deployed the application on cloud using AWS. Used Amazon Cloud EC2 along with Amazon SQS to upload and retrieve project history. Created instances in AWS as well as worked on migration to AWS from data Center. Worked on developing internal testing tools which were written in Python. Developed the front-end featuring web interface using HTML5, CSS3, JavaScript and used JQuery framework for UI centric AJAX behavior. Performed validations for input fields making use of mainly Active Records. Implemented a production ready, load balanced, highly available, fault tolerant, auto scaling Kubernetes infrastructure and micro service container orchestration. Associated with working cloud computing platforms like Open stack. Built various graphs for business decision making using Python Matplotlib library. Fetched twitter feeds for certain important keyword using python-twitter library. Working in MySQL, RDS database with node.js framework to develop APIs. Implement code in python to retrieve and manipulate data. Environment: Python 2.7, MySQL, Linux, HTML, XHTML, CSS, AJAX, JavaScript, Git. Software

Developer UBN Q Tech Solutions (India) Pvt. Ltd June 2013 to December 2015 Responsibilities:

Worked with team of developers on Python applications for RISK management. Designed the database schema for the content management system. Designed and developed the UI of the website using HTML, XHTML, AJAX, CSS and JavaScript. Involved in development of Web Services using SOAP for sending and getting data from the external interface in the XML format. Used PHP to write dynamically generated pages quickly. Wrote Python routines to log into the websites and fetch data for selected options. Web pages on the internet are generated by servers running LINUX. Worked on middle tier and persistence layer. Created service and model layer classes and Value objects/POJO to hold values between java classes and database fields. Exported/Imported data between different data sources using SQL Server Management Studio. Maintained program libraries, users' manuals and technical documentation. Responsible for debugging and troubleshooting the web application. Successfully migrated all the data to the database while the site was in production Environment: Python, Oracle, Eclipse, MySQL, Linux, HTML, CSS, AJAX, JavaScript. Education Master's Skills HTML (3 years), JAVASCRIPT (3 years), LINUX (3 years), MYSQL (3 years), PYTHON (3 years) Additional Information Technical Skills: Programming Languages Python, C, Core Java Technologies HTML, XHTML, CSS, JavaScript, jQuery, JSON Frameworks Django, Flask, Pyramid. Databases SQL, PL/SQL, MySQL, PostgreSQL, MongoDB Web Services AWS, RESTful Web Services, SOAP Version Control Git, GitHub, SVN IDE's/Development Tools PyCharm, Sublime Text Operating Systems Linux, Windows Methodologies Agile, Scrum and Waterfall

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