

Python Developer Python Developer Python Developer Work Experience Python Developer Galaxy I technologies - Scottsdale, AZ August 2016 to June 2017 Actively involved with OOD in each phase of Software Development Life Cycle (SDLC) experience in agile software methodology. Worked on development and enhancement of automation tools for execution of testing, integration and global application development using Python, shell scripting. Developed data structures, RESTful XML web services for handling AJAX requests. Actively involved in developing the methods for CRUD in Active Record. Used advanced features like pickle in python for serializing and de-serializing a python object structure. Developed entire web application using python and Django web framework. Developed a portal to manage entities in content management system using flask. Used Django API's to access database objects. Designed and implemented a dedicated MySQL database server to drive web apps and report on daily progress. Designed and developed MySQL stored procedures and shell scripts for data Import/Export operations. Successfully migrated the Django database from SQLite3 to PostgreSQL with complete data integrity. Created environment specific settings for a new deployment and update the deployment specific conditional checks in code base to use specific checks. Implemented and modified various PL/SQL queries and function, cursors and triggers as per client requirement. Worked on AJAX framework to transform datasets and data tables into HTTP-serializable JSON strings. Involved in designing GUI using web technologies like PHP, HTML, JavaScript, Bootstrap, Angular JS, JQuery, AJAX and implement CSS for fancy appearance. Built development environment with JIRA. Worked with JSON based REST web services and Amazon Web Services (AWS). Involved in development of web services using SOAP architecture. Development of python API's to dump the array structures in the processor at the failure point for debugging. Performed Unit testing, Integration testing, GUI and web application testing. Worked in development of applications in Linux environment and familiar with almost all of its commands. Research Assistant, Python Programmer Marist College - New York, NY October 2014 to May 2016 Extensively used Object Oriented Design concepts in overall design and development of the system. Designed and Developed RESTful web services utilizing Django and Flask framework. Involved in building

database Model, RESTful APIs and Views utilizing python, in order to build an interactive web application. Created entire application using Python, Django and MySQL in Linux Environment. Designed and Developed user interface using front-end technologies like HTML5, CSS, JavaScript, Bootstrap and JSON. Build SQL queries implementing functions, views, triggers, and tables. Involved in writing python scripts and SQL queries to parse the data in XML, JSON formats and store them into database. Involved in development of web services using SOAP for sending and receiving data from the external interface in the XML format. Created unit test/regression test framework for working with new code. Embedded AJAX in UI to update small portions of the web page avoiding the need to reload the entire page. Extracted unstructured data from various web sources through web scraping with Beautiful Soup package and performed ETL to utilize extracted data for further analysis. Developed applications especially in UNIX environment and familiar with all of its commands. Involved in issue tracking and debugging of the applications monitored on JIRA, Selenium using agile methodology. Involved in entire lifecycle of the projects including Designing, Development, Deployment, Testing, Implementation and Support. Proactively worked with managers and development staff to meet project goals within expected timelines.

Desktop Support Engineer Texxford Technologies - Hyderabad, Telangana September 2013 to June 2014

Efficiently responded to user requests for service, resolved problems, and developed effective solutions while supporting PC hardware components, desktop operating systems and application software. Supporting and troubleshooting windows servers including Active Directory, DNS, and DHCP. Completed all necessary documentation including creating and updating inventory records, hardware problem records, user documentation and status reports. Assisted all levels of management in troubleshooting, maintenance, monitoring and support of Enterprise infrastructure including network connectivity problems such as DNS, LAN/WAN, VPN, TCP/IP, and Firewalls etc. Assisted in receiving, configuring, deploying of new PC's, printers, and other computing equipment

Schedule, deploy and monitor operating system and application security patches/updates to all systems

Education Master of Science in Information Systems Management Marist College - New York, NY September 2014 to May 2016 Bachelor of Science in Computer Science & Engineering

Jawaharlal Nehru Technological University - Hyderabad, Telangana September 2009 to May 2013  
Certification in Hacking & Information Security IIT Kharagpur - Hyderabad, Telangana 2013  
Certification in Web Component Development NIIT - Hyderabad, Telangana 2012 Skills AJAX (2 years), CSS (2 years), DJANGO (2 years), JAVASCRIPT (2 years), JSON (2 years) Links <http://Linkedin.com/in/Abhishek-Varanasi> Additional Information Over 3 years of experience in Information Technology industry and proficiency in design & development of applications using Python, Java, Django, Flask, Angular JS, JavaScript and JQuery. Good experience in developing web applications implementing Model-View-Control/Template architecture using Django and Flask web application frameworks. Hands-on experience on python collections and Multi-Threading. Good Experience of web services with protocols SOAP and REST. Experience in using various databases such as MySQL, PL/SQL, SQLite3, PostgreSQL and Oracle. Hands-on experience in with APIs for various tasks such as accessing database objects, data extraction, third-party API integration, etc. Thorough knowledge of various different front-end tools like HTML, CSS, PHP, JavaScript, XML, Bootstrap, JQuery and AJAX. Experience with version control ideally GIT and SVN. Proven ability in working with Shell and Bash scripting for designing automation framework. Significant knowledge of the Software Development Life Cycle (SDLC), Agile and Waterfall Methodologies. Proficiency in working of handling monitoring tools, desktop ticketing systems and identifying irregularities and taking effective measure to mend the problems. Great understanding and experience with Network connectivity and protocol issues in TCP/IP, LAN, WAN, VPN, DNS, Firewalls, etc. Progressive experience with HTTP, LDAP, Web Services, Apache/Tomcat and Linux operating systems. Hands on experience in testing, debugging and systems maintenance. Experience with working in different operating systems such as Windows XP/7/8/10, Macintosh, UNIX and Linux. Excellent analytical and problem solving skills with efficient time management and result oriented attitude. Self-determined to learn and improve by committed to tasks to provide good results through utilizing diversified skills. Technical Skills Programming Python, Java, PL/SQL Web PHP, HTML5, JSON, XML, CSS, JQuery Scripting JavaScript, Shell, Bash, AJAX Frameworks Django, Flask, Angular JS Databases MySQL, PL/SQL, Oracle Servers XAMP,

Apache Tomcat, HTTP Server    IDE Tools PyCharm, Visual Studio    Networking Wireshark/TCP  
View packet analysis,    DNS Servers, mail server and Firewalls    Protocols DNS, DHCP, TCP/IP,  
HTTP, SSL, UDP, FTP    Architectures OSI Model, SOA, OSI, REST, SOAP    Applications  
Microsoft Office (Including Visio),    Adobe Tools (Photoshop, Illustrator, Premier Pro)    Operating  
Systems Windows XP, Vista, 7, 8; Linux including Ubuntu, CentOS, and Kali; Macintosh

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