SID

Python Developer

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# Experience

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| 2016 – Still.. |  | | ELECTRONICS ARTS (E.A.)**Devops Engineer/ Sr. Python Developer** **Redwood, CA / Huston, TX**  Wrote and maintained acceptance and unit tests run in the Jenkins CD/CI environment. Submitted and reviewed code in Git/Github. Deployed Linux docker containers in the AWS, Python environment. |
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| 2014 - 2016 |  | | BNY Mellon**Full Stack Python Developer** **Richardson, TX**  Worked with Team for Re-engineer the next generation trading and risk management System and calypso to provide comprehensible investment management systems |
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| 2013 - 2014 |  | | NETFLIX Inc**Python Developer** **Los Gatos, CA**    Worked on a customer support application serves to build clients and services covering the entire customer life cycle to help with Account details, subscription details, user details, program details, history, content search, credit card change details, recent activity, manage calls and help site services like call us back, chat with us, contact us etc |
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| 2011 – 2013 |  | | VERIZON**Java Developer/ Software Engineer** **Basking Ridge, NJ**  We revamped the entire online ordering among inter departments using latest Java/J2EE technologies. The client uses the application for requesting the equipment in stock, ordering it and gets access to those regardless of payment. |
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# Skills

## LANGUAGES

Python

JAVA

C#, C++

## DATABASES

MYSQL

MS SQL, PL/SQL

Postgres SQL, DB2

MongoDB

## Framework

Django

Hibernate

Flask

## Other

Jenkins

API’s/JSON

AWS EC2, S3

AngularJs, NodeJs

Front-End

Py Libraries

LINUX

# Education

## Bachelors in Computer Science

RGPV University

Bhopal, India

2009

# **Sr. Python Developer**

### **Electronic Arts (E.A) – Gaming Industry**

**Redwood, CA / Huston, TX**

**Jun 2016 - Present**

**Responsibilities:**

* Python, Django, Django ORM, MY SQL, Selenium/Jenkins CI, JS/JQuery, CSS, Bootstrap, Git, Prototyping/ MVP style development, Agile development, Docker/Crane deployments
* Developed custom user interfaces using the Django Content Management System administration tool to facilitate the management of a financial institutions websites.
* Continued development(CD) and Continues Integration(CI) implemented the user registration and login feature for application processes.
* Integration of Automated Build with Deployment Pipeline. Currently installed Chef Server and clients to pick up the Build from Jenkins repository and deploy in target environments (Integration, QA, and Production).
* Maintaining a farm of AWS solution using EC2 instances, S3, EBS, setting up servers through using AWS for deployment or other uses for application.
* Securely redesigned network and deployment procedures for test, QA and production servers using a combination of Gitlab web hooks, Git hooks, and the Python Fabric library.
* Used RESTful web service calls for the valuations provided by NADA, an online portal for the pricing and information of Boats and RV's.
* Utilized South for schema and data migration for the PostgreSQL database.
* Composed Django unit tests for every application to aid in code changes and debugging.
* Utilized Django’s Object Relational Mapping by creating Django models representing loan application data relating to objects representing a borrower’s name, address, collateral, vehicles, credit score tiers, etc.
* Built a new CI pipeline. Testing and deployment automation with Docker, Jenkins and Puppet.
* Utilized middleware, such as Django-Debug-Toolbar, along with custom template tags and filters.
* Maintained website rich user interface and user experience (UI/UX) using HTML, JavaScript, jQuery, jQuery-UI, XHTML, AJAX, CSS and JavaScript running on NGINX, UWSGI, PostgreSQL and RHEL 7.
* Implemented a solution using rsync for nearly real-time Django caching of static files (CSS, Images, Javascript, etc) across load-balanced web servers.
* Setup Splunk log queries of indexes to find the root cause of complex online application issues.

**E**lectronic Arts Inc. (EA) is an American video game company headquartered in Redwood City, California, E.A. is pioneer in gaming industry and 4th largest company by Revenue of $1.2o0 Bn and employees around 8500 proffesional. **Project Description:**  
Proposed and developed implementations for new requirements. Wrote and maintained acceptance and unit tests run in the Jenkins CI environment. Submitted and reviewed code in Git/Github. Deployed Linux docker containers in the AWS environment. Responsible for troubleshooting and repairing issues as they arose in production. Helped app users with day to day issues. Integrated Google Oauth and Google Play Developer API into the Django app. Maintained and augmented the iTunes Connect integration. Upgraded Django through multiple versions.

**Environment:**

* **Python**
* **Django**
* **Jenkins**
* **Chef**
* **AWS Ec2**
* **AWS S3**
* **PostgreSQL**
* **JQuery**
* **Puppet**
* **AngularJs**
* **Selenium**
* **API**
* **HTML**
* **CSS**
* **AJAX**
* **SPLUNK**
* **Github**
* **Docker**

# **Full Stack Python Developer**

### **BNY Mellon – Banking Domain**

**Richardson, TX**

**Mar 2014 - Jun 2016**

**Responsibilities:**

* Provide Apps, Scripts, critical analysis in python to constructively challenge processes, approaches, attitudes, to add improvement or value to development Operations comprising the full front to back Operations process including confirmations and settlements processes.
* Involved in Developing, Monitoring, Testing, maintaining and implementing new and existing Python applications
* Experience with any of the following is a plus - jQuery, AngularJS, PostgreSQL, Redis, Memcached, - Linux, Nginx, Elastic search, and Amazon Web Services
* Experience with developing APIs Experience with XML and JSON manipulation
* Involved in debugging the applications monitored on JIRA using agile methodology and developed efficient Angular.js for client web based application.
* Developed new and innovative applications using Python –Django and other python libraries like Beautiful Soap and NumPy that were based on principles of Test Driven Development (TDD) and Parallel Programming.
* Monitoring, testing, and maintenance of existing Python applications
* Highly skilled in JavaScript, HTML5, and CSS3.
* Provide customized script and application code for Real-time pricing, exchange data, compliance monitoring for the trading platform using Front Office, Middle Office, and Back Office functions for multiple asset classes such as FX, FI, IRD, CD and other structured instruments.
* Worked on XML documents based on XML Schema definition (XSD) with python scripts to load the data to database.
* Used Pandas library for statistical Analysis.
* Developed RESTful web-services, for upstream and downstream web-applications using Django Rest framework.
* Automated data extraction, Transformation and Loading(ETL) process using python
* Built various graphs for business decision-making use of Python matplotlib library.
* Worked on many python libraries for various task includes [SQLAlchemy](http://www.sqlalchemy.org/), Numpy, Scrapy.
* Developed web service API, worked with product owners, project managers, customer service reps and vendors to satisfy all the business needs.

**B**NY Mellon, is an American worldwide banking and financial services holding company headquartered in New York City, World’s largest custodian bank with more than $30.5 trillion in assets in custody and employees around 52000 professionals.

**Project Description:**

Role is to work with Team for Re-engineer the next generation trading and risk management System and calypso to provide comprehensible investment management systems, the core of the project was to Ensure the performance and the transaction monitoring on clustering server, implementing low latency automated strategy execution to build numerous intelligent auto-quoting and order booking system entirely from scratch using Python, and code some algorithms that run on top of a third-party framework, customizable Windows-based trading UIs, option pricing, modeling libraries, strategy simulation engines in both side market using python.

**Environment:**

* **Python**
* **Django**
* **Numpy**
* **Pands**
* **AWS Ec2**
* **SQLAlchmey**
* **ETL**
* **JQuery**
* **AngularJs**
* **Selenium**
* **API, REST, JSON**
* **HTML**
* **CSS**
* **MVC**
* **XML**
* **Python Scripts**
* **Github**
* **Docker**

# **Python Developer**

### **NETFLIX – Entertainment Domain**

**Los Gatos, CA**

**Mar 2013 - Mar 2014**

* Developed entire frontend and backend modules using Python on Django Web Framework.
* Involved in entire lifecycle of the project including Design, Development, and Deployment, Testing and implementation and support.
* Used the Model View controller (MVC) framework to build modular and maintainable applications
* Building reusable code and libraries for future use.
* Strong knowledge of all phases of SDLC and Strong working knowledge of Software testing (Functional Testing, Regression Testing, Load Testing)
* Worked on LAMP (Linux, Apache, MySQL, and PYTHON) architecture.
* Experience with Linux, Scripting, code deployments, and tools such as SVN, GIT, TRAC, JIRA, and/or Rabbit MQ, Celery.
* Automated data movements using python scripts, involved in splitting, validating and processing of files.
* Experience with ETL a Complete software development was designed and implemented using Agile Methodology and SCRUM Process.
* Successfully migrated the Django database from SQLite to MySQL to PostgresSQL with complete data integrity.
* Involved in building database Model and Views utilizing Python, in order to build an interactive web based solution.
* Wrote scripts in Python for Extracting Data from JSON and XML files.
* Performed data manipulation/storage for incoming test data using Beautiful Soup/Html parser, Matlib libraries.
* Build all database mapping classes using Django models with the help of ORM .
* Performed documentation and user training, wrote multi-thread scripts to obtain optimal performance.
* Integration of user-facing elements developed by a front-end developer with server side logic.
* Used data structures like directories, tuples, object oriented class based inheritance features for making
* Operated all the user side validation using JavaScript and AJAX.
* Profiled python code for optimization and memory management.
* Implemented locking mechanisms using multithreading functionality, responsible for debugging and troubleshooting the web application.

**N**etflix is an American entertainment company specializes in and provides streaming media and video-on-demand online and DVD by mail, the company has its headquarters in Los Gatos, California, Netflix employees around 3500 professional and had around $8.3Billion revenue

**Project Description:**

Worked on a customer support application serves to build clients and services covering the entire customer life cycle to help with Account details, subscription details, user details, program details, history, content search, credit card change details, recent activity, manage calls and help site services like call us back, chat with us, contact us etc, including working on various bug Fixing, troubleshooting works and also includes development of a Python Based Application for their new venture

**Environment:**

* **Python**
* **Django**
* **ORM**
* **Beautiful Soap**
* **SCRUM**
* **LAMP**
* **ETL**
* **JQuery**
* **JavaScript**
* **Selenium**
* **API, REST, JSON**
* **HTML**
* **CSS**
* **XML**
* **Multithreading**
* **MVC**
* **Testing, UAT.**

# **Java Developer/**

# **Software Engineer**

### **VERIZON – Telecom Domain**

**NYC, NY**

**Jul 2011 - Mar 2013**

* Participated in various stages of the project life cycle, such as design, implementation, testing, deployment and enhancement of the application.
* Contributed in analysis and design of new enhancements for every release. Had good experience with low level designs.
* Hands on experience in developing class and sequence diagrams.
* Developed additional UI Components using JSF, Swing and implemented an asynchronous, AJAX (JQuery) based rich client to improve customer experience.
* Had good experience in developing complex interfaces using Struts framework and Ajax.
* Implemented business logic using Session beans, Servlets and Stored procedures.
* Development of persistent components using Hibernate 3.0.
* Wrote SQL queries, PL/SQL stored procedures and modifications to existing database structure.
* Wrote and executed various MYSQL database queries from python using Python-MySQL connector and MySQL dB package.
* The front-end JSP pages were developed using the Struts framework, and were hosted in a J2EE environment on the Apache tomcat server.
* Developed Scripts for UNIX platform deployment.
* Configured the deployment descriptors in Hibernate to achieve object relational mapping.
* Developed web based applications using JavaScript, HTML, DHTML and CSS.
* Implemented JAVA-J2EE technologies including specialization in XML, XSL, and XSLT.
* Used ANT for compilation and building JAR, WAR and EAR files.
* Used JUnit/Eclipse for the unit testing of various modules.
* Expert in debugging the issues and resolving the production/test issues.
* Involved in 24x7 production support and maintaining the application after production.

Verizon is an American multinational telecommunications conglomerate and the largest U.S. wireless communications service provider, Verizon is worth $13billion, headquarter in New York city and employees around 162000 professionals.

**Project Description:**  
Verizon is a leader in delivering broadband and other wire-line and wireless communication innovations to mass market, business, government and wholesale customers. We revamped the entire online ordering among inter departments using latest Java/J2EE technologies. The client uses the application for requesting the equipment in stock, ordering it and gets access to those regardless of payment. Also set up options like inserting automatically to stock and retrieving it easily.

**Environment:**

* **Java**
* **J2EE**
* **JSP**
* **JQuery**
* **Hibernate**
* **Web Services**
* **JSF**
* **WSDL**
* **Servlet**
* **Swing**
* **Struts**
* **Oracle SQL**
* **XML**
* **XSLT**
* **AJAX**
* **CSS**
* **Windows**
* **UML**
* **MS Office**