

PYTHON DEVELOPER PYTHON DEVELOPER PYTHON DEVELOPER - Hamilton Bank New York, NY Work Experience PYTHON DEVELOPER Hamilton Bank September 2018 to Present

Designed database Model, APIs and Views utilizing Python to build an interactive web-based application. Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution. Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash. Designed and managed API system deployment using fast http server and Amazon AWS architecture and also developed frontend and backend modules using Python on Django including Tasty Pie Web Framework using Git. Collect data that introspects the performance of query and update operations on a MongoDB instance and recorded the online users' data using Python Django forms and implemented test case using Pytest. Developed Ruby/ Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore. Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration. Also gained familiarity with supporting technologies like kubernetes and Mesos. Used regular expression for faster search results in combination with Angular2 built-in and custom pipes. Develop consumer-based features and applications using Python, Django, HTML, Behaviour Driven Development (BDD) and pair-based programming. Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework and Development of Isomorphic ReactJS and Redux driven API client applications. Developed backend web services using Node.js and stored dependencies using Node Package Manager (NPM). Used jQuery and AJAX calls for transmitting JSON data objects between front end and controllers and Utilized continuous integration and automated deployments with Jenkins, Ansible and Docker. Used Amazon Elastic Beanstalk with Amazon EC2 to deploy project into AWS and good experience with AWS storage services (S3). Build Cassandra queries for performing various CRUD operations like create, update, read and delete, also used Bootstrap as a mechanism to manage and organize the html page layout. Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL, and VMWare API calls. Involved in

development of Python based Web Services using REST for sending and getting data from the external interface in the JSON format and perform analysis using Django, PostgreSQL. Designed automation scripts to back up the old records by using Mongo DB export command and transferred the files into backup machine with the help of ftplib. Followed AGILE development methodology to develop the application and developed Golang API and chat-bot using TDD to automate software deployments and rollbacks. Used Test driven approach (TDD) for developing services required for the application and managed datasets using Panda data frames and MYSQL. Queried the database queries using Python. Developed the application using the Test-Driven methodology and designed the unit tests using Python Unit test framework.

python developer Welspun Ltd September 2013 to December 2015 RESPONSIBILITIES:

- Designed database Model, APIs and Views utilizing Python to build an interactive web-based application.
- Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution.
- Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash.
- Designed and managed API system deployment using fast http server and Amazon AWS architecture.
- Developed frontend and backend modules using Python on Django including Tasty Pie Web Framework using Git.
- Collect data that introspect the performance of query and update operations on a MongoDB instance.
- Developed Ruby/ Python scripts to monitor health of Mongo databases and perform ad-hoc backups using Mongo dump and Mongo restore.

Worked in DevOps group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration. Also gained familiarity with supporting technologies like kubernetes and Mesos.

- Used regular expression for faster search results in combination with Angular2 built-in and custom pipes.
- Develop consumer-based features and applications using Python, Django, HTML, Behaviour Driven Development (BDD) and pair-based programming.
- Used Test driven approach for developing the application and Implemented the unit tests using Python Unit test framework and Development of Isomorphic ReactJS and Redux driven API client applications.
- Developed backend web services using Node.js and stored dependencies using Node Package Manager (NPM).
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controllers and Utilized continuous integration and automated deployments with Jenkins, Ansible and Docker. Used Amazon Elastic Beanstalk with Amazon EC2 to deploy project into AWS and good experience with AWS storage services (S3). Build Cassandra queries for performing various CRUD operations like create, update, read and delete, also used Bootstrap as a mechanism to manage and organize the html page layout. Managed, developed, and designed a dashboard control panel for customers and Administrators using Django, Oracle DB, PostgreSQL, and VMWare API calls. Involved in development of Python based Web Services using REST for sending and getting data from the external interface in the JSON format and perform analysis using Django, PostgreSQL. Designed automation scripts to back up the old records by using Mongo DB export command and transferred the files into backup machine with the help of ftplib. Followed AGILE development methodology to develop the application and developed Golang API and chat-bot using TDD to automate software deployments and rollbacks. Used Test driven approach (TDD) for developing services required for the application and managed datasets using Panda data frames and MYSQL. Queried the database queries using Python. Recorded the online users' data using Python Django forms and implemented test case using Pytest. Developed the application using the Test-Driven methodology and designed the unit tests using Python Unit test framework.

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