**DAKSHEP RAJ MANNE**

[dakshepmanne@gmail.com](mailto:dakshepmanne@gmail.com)

**+1(281)810-8769**

**Python Developer**

**Summary:**

* Around 8+ years of IT Experience in design, development, testing and implementation of enterprise applications in **Python, Java and NodeJS** on different domains.
* Good experience in developing web applications implementing Model View Control architecture using **Node JS, Django, Flask, and spring** web application frameworks.
* Good experience in designing, implementin**g MongoDB** schema and performing CURD operations on NoSQL DB’s like MongoDB.
* Skilled in writing services to store and retrieve user data from the MongoDB for the application.
* Experience in Object Oriented Analysis in developing server side and front-end framework using various design patterns.
* 5+ years of experience as **Full stack and Mean Stack** Application Development.
* Expertise in development of web-based applications using **Python, NodeJS, Java, HTML, XML, Angular JS, CSS, DHTML, JavaScript, JSON and jQuery.**
* Good knowledge on building responsive application using front end frame works like CSS Bootstrap, SASS.
* Good knowledge of web services with protocols **SOAP, REST.**
* Hands-on experience in Cloud-like **AWS worked on Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS), Lambda, ELB.**
* Worked on AWS in Database services like **Amazon Relational Database Service (RDS) and SQS, SNS.**
* Good experience in open stack development.
* Experienced in working with server-side technologies including databases, Restful API and MVC design patterns.
* Special skills in development of effective, user-friendly web applications. Experienced in requirement gathering, use case development, Business Process flow, Business Process Modeling: extensively used UML to develop various use cases, class diagrams and sequence diagrams.
* Knowledge in working with continuous deployment using **Jenkins, Docker and Kubernetes**.
* Working experience in using real-time search engines like Elastic search and fluency in using **ELK** (Elastic Search, Logstash and Kibana) stack.
* Superior Troubleshooting and Technical support abilities with Migrations, Network connectivity, and Security and Database applications.
* Experience in using Java Script libraries like High charts, ChartJS, Datatables etc., libraries to create User Interface dashboards.
* Having good experience in using NoSQL databases like Apache Cassandra (1.2, 2.0, and 2.1) and MongoDB (2.6, 2.4), Orient DB.
* Experience in using various version control systems like **SVN, Git, and GitHub**.
* Experience with configuration management and related tools like Puppet.
* Experience in **open stack** development.
* Working experience in working with **Amazon Web Services** like EC2, Virtual private clouds (VPCs),Storage models(EBS,S3,instance storage) ,Elastic Load Balancers(ELBs.)
* Performed numerous server migrations on both Linux and Windows servers. Migrations include moving all clients and their data, configuration settings, testing and verifying.
* Documentation of Architecture, Design and Operational procedures.
* Proficient in writing **SQL** Queries, Stored procedures, functions, packages, tables, views, triggers using relational databases like Oracle, MySQL and MSSQL Server.
* Good knowledge in working with application server - **Apache Tomcat, Nginix**, WebSphere (7.0).
* Experience in working with Python ORM Libraries including Django ORM, SQLAlchemy.
* Experience in Test Driven Development and Behavior Driven Development methodologies for consulting firms and enterprise projects.
* Good idea about testing tools like Bugzilla, and JIRA.
* Thorough knowledge in various front-end tools like HTML, DHTML, CSS, JavaScript, XML, jQuery, Angular JS, and AJAX.
* Good knowledge of J2EE Architecture (JSP, JDBC, Data Source, JNDI, JMS, Servlets,).
* Strong development experience on Linux based operating systems (used flavors CentOS, Red Hat and Ubuntu).
* Experience in working with different operating systems Windows, UNIX, Linux, and MAC OS X.
* Excellent Interpersonal and communication skills, efficient time management and organization skills, ability to handle multiple tasks and work well in a team environment.
* Having experienced in **Agile** Methodologies, **Scrum** stories and sprints experience.

**Technical Skills:**

|  |  |  |
| --- | --- | --- |
| Technologies | Skills | |
| Programming Languages | | Python, JavaScript, SQL, PL/SQL |
| Frame Works | | Node JS, Django, Flask, Spring, Bootstrap |
| Web Technologies | | HTML, CSS, Java Script, jQuery, Ajax, Angular JS |
| Databases | | Oracle, My SQL, HDFS, Hana, Teradata, Apache Cassandra, MongoDB |
| Version Control | | SVN, Git, GitHub, Source Tree |
| Infra Tools | | CI/CD, Jenkins, Docker, Kubernetes, AWS EC2 |
| Others | | Elastic Search, Tableau, Jira, Bugzilla, Crucible, Confluence |

**Professional Experience:**

**Role: -Python Developer Aug ‘22 – Till Date**

**Client: -Mirimus, NY**

**Role & responsibilities:**

* Developing python agents to collect performance metrics and trace data from python modules and AWS CloudWatch.
* Designed and implemented the **Elasticsearch** schema.
* Created Web Services to store and retrieve user data from the Elasticsearch for the applications.
* Developed an extensive Documentation and Test Automation Framework for API Layer named as Mortar Board.
* Experienced in working with distributed memory object caching systems like Memcached using Python and implemented Caching Layer for **REST API’s** along with Two factor Authentication of API’s to meet industry standards.
* Developed Restful API’S in Python to pull data from multiple data sources (Oracle, OPLA, MySQL, Hadoop and MongoDB)
* Created deployment jobs in Jenkins, Argo workflow Engine.
* Have experience in CI/CD pipeline.
* Used **HTML, CSS, JavaScript, jQuery, Bootstrap and SAAS** to develop Scalable and rich user interface.
* Created various Web based enterprise level applications using **Python and Flask framework**.
* Hands-on experience in Cloud-like AWS worked on Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon Elastic Block Store (EBS), Lambda, ELBs.
* Worked on AWS in Database services like Amazon Relational Database Service (RDS) and SQS, SNS.
* Written various queries using Aggregation framework on Elasticsearch NoSQL Database.
* Developing various Scripts and modules based on the business requirements and debugging production issues.
* Implemented various features and enhancements to User Interface for client using variety of Open Source Libraries/Frameworks in Java Script.
* Developed complete workflow for log and Notification analytics using **ELK stack** (Elastic search, Logstash, and Kibana).
* Created Infrastructure for Complex Data Mining, Periodical Data Processing operations using Celery Task Distribution Queue and Messaging Brokers like **RabbitMQ and Redis.**
* Created Scripts using Python for implementing business algorithms.
* Implemented CRUD operation on MySQL and Oracle based databases and written queries using **SQL.**
* Created various Java Script libraries extensive for building up User Interface Platform and supporting UI Framework termed as Mixer (internal name).
* Involved in resolving production issues in Red Hat Enterprise Linux and Windows servers.
* Providing guidance to the enhancement requirements.
* Experienced in working with large sets of data from various data sources like Big Data, Teradata, MongoDB, Oracle, and MySQL.
* Working closing with business users to understand the requirements.
* Performing code merging, code review using **Git, GitHub and Source tree.**
* Maintained and documented technical architecture of the application.
* Involved in Deployment Setup and Application Server maintenance on RHEL Servers and Data Base Architecture Setup for implementing Redundancy.
* Developed Helm charts to deploy on Kubernetes.

**Environment: Python , Flask, Flask Restful, Express JS, HTML5, CSS, SASS, Bootstrap, jQuery, RESTful Web Services, Apache, SQL ,DynamoDB, Celery, RabbitMQ, Elastic Search, Logstash, Kibana, Linux RHEL server, Docker, Kubernetes, Windows 12 Server, CI/CD pipeline, Argo workflow, Jenkins, GitHub, GitLab, Confluence.**

**Role: -Python/Django developer Nov ‘21– Aug ‘22**

**Client: Village, MD, IL**

**Responsibilities:**

* Involved in software development life cycle (SDLC) of tracking the requirements, gathering, analysis, detailed design, development, system testing and user acceptance testing.
* Software Developer involved in creation of Vendor Data Management platform named as **T-VDM**.
* Actively involved in developing the methods for Create, Read, Update and Delete (CRUD) in Active Record.
* Developed entire frontend and backend modules using **Python on Django Web Framework**.
* Involved in designing user interactive web pages as the front-end part of the web application using various web technologies like **HTML, JavaScript, Angular JS, jQuery, AJAX** and implemented CSS for better appearance and feel.
* Knowledge of cross-browser and cross-platform development of HTML and CSS based websites in Windows like IE 6, IE 7, IE 8 and FF.
* Used AJAX to modify small portions of the web pages by sending a request to the server avoiding the need of reloading the entire web page
* Interactive in providing change requests, trouble reports and requirements collection with the client.
* Implemented and modified various SQL queries and Functions, Cursors and Triggers as per the client requirements.
* Managed code versioning with GitHub, Bit Bucket and deployment to staging and production servers.
* Implemented MVC architecture in developing the web application with the help of Django framework.
* Used **Celery as task queue and RabbitMQ, Redis** as messaging broker to execute asynchronous tasks.
* Designed and managed API system deployment using fast http server and Amazon AWS architecture.
* Involved in code reviews using GitHub pull requests, reducing bugs, improving code quality, and increasing knowledge sharing
* Implemented monitoring and established best practices around using elastic search.
* Install and configuring monitoring scripts for AWS EC2 instances.
* Implemented task object to interface with data feed framework and invoke database message service setup and update functionality.
* Working under UNIX environment in development of application using Python and familiar with all of its commands.
* Developed remote integration with third party platforms by using RESTful web services.
* Automated Production tasks.
* Updated and maintained Jenkins for automatic building jobs and deployment.
* Used many regular expressions in order to match the pattern with the existing one and store them in data base on a chronological basis.
* Implemented code to perform CRUD operations on MongoDB using PyMongo module.
* Improved code reuse and performance by making effective use of various design patterns and refactoring code base.
* Involved in development of a Map based application for integral analysis purpose.
* Involved in analysis and design of the application features.
* Experience in debugging and troubleshooting programming related issues.
* Worked in MySQL database on simple queries and writing Stored Procedures for normalization.
* Deployment of the web application using the Linux server.
* Software Developer involved in creation of Vendor Data Management platform named as T-VDM
* Developed entire frontend and backend modules using **Python on Django** Web Framework
* Involved in Build release management.
* Working closing with business users to understand the requirements.
* Performing code reviews using Crucible, Code merging using **Git, GitHub** and Source tree.

**Environment: Python 2.7, Django 1.7, HTML5, CSS, XML, KML, MySQL, JavaScript, Angular JS, jQuery, CSS Bootstrap, RESTful, MS SQL Server, MongoDB, Elastic Search, Ubuntu server, Windows 12 Server, Amazon s3, Jenkins, Map Box, My SQL, Mongo DB, GitHub, Bit Bucket, Linux, and Windows.**

**Role: -Python/Django developer Mar 19 – Nov ’21**

**Client: - Sony Music, NY**

**Responsibilities:**

* Worked on changes to **open stack** and AWS to accommodate large-scale data center deployment.
* Analyzed system requirements specifications and also in client interaction during requirements specifications.
* Designed the front end of the application using **Python 2.7, HTML, CSS, AJAX, JSON and jQuery**. Worked on backend of the application, mainly using Active Records.
* Involved in analysis and design of the application features.
* Designed and developed communication between client and server using Secured Web services.
* Created UI using **JavaScript and HTML5/CSS.**
* Developed and tested many features for dashboard using **Python, Java, Bootstrap, CSS, JavaScript and jQuery.**
* Writing backend programming in **Python.**
* Used JavaScript and XML to update a portion of a webpage.
* Develop consumer-based features and applications using **Python and Django** in test drivenDevelopment and pair-based programming.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using the HTML, CSS, JavaScript and jQuery.
* Worked on **Jenkins** continuous integration tool for deployment of project.
* Worked on changes to **open stack** and AWS to accommodate large-scale data center deployment.
* Created interactive data charts on patient portal web application using **High charts** JavaScript library with data coming from Apache Cassandra.
* Worked on front end frame works like **CSS Bootstrap** for development of Web application.
* Worked in **MySQL database** on simple queries and writing Stored Procedures for normalization.
* Deployed the project into **Jenkins** using **GIT** version control system.
* Learned to index and search/query large number of documents inside **Elastic search.**
* Used **Amazon Cloud EC2** along with Amazon SQS to upload and retrieve project history.
* Creating invitation flow for customers to use the client portal for monitoring PHR pages.
* Created the environment specific settings for a new deployment and update the deployment specific conditional checks in code base to use specific checks.
* Used advanced packages like Mock, patch and beautiful soup (b4) to perform unit testing.
* Worked on translation of web pages to different languages as per client requirements.
* Updated the client admin tool to have the new features like support for internalization, support for customer service and etc.
* Implemented responsive **vector maps and charts** on web pages using the data from **MongoDB**.
* Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.
* Manage, collaborate and coordinate the work of an offshore development team.
* Worked on rebranding the existing web pages to clients according to the type of deployment.
* Worked on updating the existing clip board to have the new features as per the client requirements.
* Used many regular expressions in order to match the pattern with the existing one.
* Skilled in using collections in Python for manipulating and looping through different user defined objects.
* Work with team of developers on python applications for RISK management.
* Taken part in entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
* Improved code reuse and performance by making effective use of various design patterns.
* Documented the design solutions and created stories for client requirements.

**Environment: Python 2.7,2.5, Java 1.7, Django 1.7, 1.5, HTML5, CSS, XML, MySQL, JavaScript, Angular JS, Backbone JS, jQuery, CSS Bootstrap, Puppet MS SQL Server, Nginix server, Amazon s3, Jenkins, Mongo DB, Elastic search, T-SQL, Beautiful soup, JavaScript, Eclipse, Git, GitHub, Linux, and MAC OSX.**

**Role: - Python/JAVA Developer JUN ‘15 –Nov ‘18**

**Client: -Standalone IT Solutions, India**

**Responsibilities:**

* Taken part in software development life cycle **(SDLC)** of the tracking systems Requirements,

Gathering, Analysis, Detail Design, Development, System Testing and User Acceptance Testing.

* Created UI using **HTML, CSS, JavaScript, AJAX, JSON, and jQuery.**
* Developed entire frontend and backend modules using Java and Python using Web Frameworks.
* Developed applications especially in **UNIX** environment and familiar with all of its commands.
* Deployed the project into **Heroku** using **GIT** version control system.
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications that were a main source of data for both customers and internal customer service team.
* Implement code in Python to retrieve and manipulate data.

**Environment:** Java, Python, Struts 1.2, Django, HTML5/CSS, CSS Bootstrap, MySQL, MS SQL, JavaScript, Eclipse, Git, Linux, Shell Scripting.

Education: - Bachelor degree in Electronics and Computer Engineering