**Govardhan Maru**

**Full-Stack Python Web Developer**

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**PROFESIONAL SUMMARY**

* 7+ years of Professional experience in Analysis, Design, Development, Testing of Enterprise Applications and Database Development.
* Highly motivated, quality minded developer, with proven ability to deliver applications against tight deadlines.
* Ability to understand project requirements and deliver it with proper estimation and quality.
* Experience in application development using **Python, Django, HTML/HTML5, CSS/CSS3, Git, Java\J2EE, JavaScript, Oracle, XML, JSON, PostgreSQL** and **SQLite**.
* Experienced in web based user interface (UI) design and development using **JSP,HTML5,DHTML,CSS3 ,Bootstrap, Java Script ,Angular JS ,Backbone JS,Jquery ,Ajax and Json**
* Experience in object oriented design and Programming (OOP)concept in Python and Java
* Experience in developing different web applications implementing the Model-View-Controller (MVC) architectures using frameworks such as **Django, Zope** and **TurboGears**.
* Implemented responsive web pages using **HTML5/CSS3,** **Bootstrap** and **XML/JSON** based **SOAP** and **REST** web services.
* Substantial Experience with server-side technologies including relational databases**(Oracle,MySQL,DB2,SQL Server and PostgreSQL**)
* Worked on automation using the Python scripting language, **Git** on **Cygwin32** and XML.
* Knowledge on **Open Stack** software open source cloud computing software.
* Experience in **Python**, **Java**, **Object Oriented programming** and **Multithreading**, etc.
* Has good knowledge on NoSQL databases like **MongoDB, CouchDB and Cassandra**.
* Good Experience in developing different web applications implementing the Model-View-Controller (MVC) architectures using Full stack frameworks such as **Django, Web.py, Zope** and **TurboGears**.
* Experience in various stage of software development life cycle (SDLC) includes requirements, analysis, design, development, deployment and testing of an application for business outputs.
* Worked with various Version Control Systems, mostly GIT, CVS and subversion SVN.
* Worked on various applications using python integrated IDEs Eclipse, PyCharm, NetBeans and PyDev.
* Experience with ORM’s such as Django and **SQLAlchamy**, database design and normalization.
* Good knowledge of web services with protocols **SOAP** and **REST**
* Familiarity with development best practices such as code reviews, unit testing, system integration testing (SIT) and user acceptance testing (UAT)
* Experience in working with various domains like Health care ,banking /financial and software services
* Ability to learn and adapt quickly to the emerging new technologies and paradigms.

**TECHNICAL SKILLS:**

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| **Frameworks** | Django, TurboGears, Flask, Pyramid and Zope. |
| **Web Technologies** | HTML, CSS, Bootstrap, DOM, SAX, Java Script, JQuery, AJAX, XML. |
| **Languages** | Python, Core Java, C/C++, SQL,PHP and PL/SQL. |
| **J2EE Technologies** | JSP, Java Servlets, JDBC and JNDI |
| **Version Control** | SVN, CVS, Git. |
| **Developer Tools** | PyCharm, PyScripter, PyDev, JDeveloper, PL SQL Developer. |
| **Servers** | WebSphere, Weblogic, Apache Tomcat, JBoss, Oracle. |
| **Operating Systems** | Windows, Linux, Unix, Solaris, Ubuntu |
| **Protocols** | TCP/IP, HTTP/HTTPS, SOAP, SMTP |
| **Cloud Platforms** | Heroku, Amazon EC2 |

**PROFESSIONAL EXPERIENCE**

**Client: Charter Communication, St Louis, Mo** **Jun 2015 - Present**

**Role: Sr. Django/Python Developer**

**Description:** Charter Communications is a cable telecommunications company, which offers their services to consumers and businesses under the branding of Charter Spectrum. Providing services to 25 million customers in 41 states, it is the Second-largest cable operator in the United States. Project involves build a test automation framework and then incorporate test cases to build tests in WITBE along with collaborating with the rest of our team.

**Responsibilities:**

* Worked in stages such as analysis and design, development, testing and debugging and Involved in Unit testing and Integration testing.
* Designed and managed build and release methodologies using Witbe Tool.
* Developed the front end of the web pages using HTML5, CSS3 JavaScript, Angular JS, JQuery and AJAX.
* Decent experience in UNIX in developing the application and familiar with all of its commands.
* Experienced with Bootstrap as a mechanism to manage and organize the html page layout.
* Developed the back-end web services using Python and Django REST framework.
* Performing Functional testing, regression testing, integration testing, and communication testing.
* Installed Witbe, Python, Jira, test Rail as part of server setups.
* Used Git and Jira for code submissions and review process.
* Used Amazon Elastic Beanstalk with Amazon EC2 to deploy project into AWS
* Regular interaction with developers at different locations in resolving issues successfully.
* Performed efficient delivery of code based on principles of Test Driven Development (TDD) and continuous Integration to keep in line with Agile Software Methodology principles
* Developed views and templates with Python and Django's view controller and templating language to created user-friendly website interface.
* Responsible for debugging and troubleshooting the web application.
* Used Design patterns efficiently to improve the code reusability.
* Reporting Issues using Excel to senior members in the team
* Used Django configuration to manage URLs and application parameters.
* Created entire application using Python, Django, MySQL and Linux.
* Integrated data from multiple applications using ETL tools like SSIS, Informatica.
* Found critical bugs in the firmware and helped other teams in making the software stable.
* Migration of Test Content to Automation Tool using Python and XML.
* Experience in UNIX environment in developing the application and familiar with all of its commands.
* Worked in developing the screens for delete, Edit, Enable, Disable and Impersonate Users in web application.
* Creating database schema for MySQL Database and helped to draw ER-Diagrams using Microsoft Visio.
* Experienced in Agile Methodologies and SCRUM Process.
* Managed code versioning with Github and deployment to staging and production servers.

**Environment:** Python 2.7, Django 1.6, CSS, HTML, JavaScript, JQuery, AJAX, MYSQL, Linux, AWS, GIT.

**Client: GE, Albany, New York Jan 2014 – May 2015**

**Role: Sr. Python/Flask Developer**

**Description:** is an American multinational conglomerate corporation incorporated in New York, and headquartered in Boston, Massachusetts. Company operates through the following segments: Power & Water, Oil and Gas, Aviation, Healthcare, Transportation and Capital which cater to the needs of financial services, Medical devices, Life Sciences, Pharmaceutical, Automotive, Software Development and Engineering industries.

**Responsibilities:**

* Analyzed and gathered business requirements specifications by interacting with client and understanding business requirement specification documents.
* Implemented front of the application using Python , CSS, AJAX, JSON and JQuery
* Worked on front end frameworks like CSS, Bootstrap for responsive web pages.
* Used Restful APIs to access data from different suppliers.
* Developed and tested many features for dashboard using Flask, CSS and JavaScript.
* Developed backend of the application using the flask framework
* Experience with advanced CSS concepts and also building table-free layouts.
* Implemented Backbone JS for creation of networking applications using JavaScript.
* Experience in writing SQL queries for performing various CRUD operations like create, update, read and delete.
* Collaborate with Product Management and User Experience experts regarding product definition, schedule, scope and project-related decisions.
* Coordinated and Managed with the offshore development team and assisted them when required.
* Deployed the project into Heroku using GIT version control system.
* Used much regular expression 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.
* Worked in MySQL database on simple queries and wrote Stored Procedures for normalization and renormalization.

**Environment:** Flask, XML, HTML, CSS, Bootstrap, FF, IE8 Safari, SQL, MySQL, JavaScript, Angular JS, Backbone JS, JQuery, JSON, AJAX, RESTFUL

**Client: TIAA CREFF,** Charlotte, NC **Feb 2012 to Dec 2013**

# Role: Python Developer

**Description:** TIAA—CREF (Teachers Insurance and Annuity Association—College Retirement Equities Fund),

Is a Fortune 100 financial services organization that is the leading retirement provider for people who work in the academic, research, medical and cultural fields.

**Responsibilities:**

* Involved in transferring old data from various sources like flat files, MS Access, and Excel into MS SQL Server 2005 using DTS Packages.
* Designed and developed the user interface requirements of the website using HTML, AJAX, CSS and JavaScript.
* Used Django framework to develop entire frontend and backend modules in Python.
* Used JavaScript , JQuery and AnuglarJS for Client Side validations
* Used Python scripts to update content in the database and manipulate files.
* Utilized Python libraries wx Python, num PY, Twisted and mat Plot Lib.
* Created independent libraries in Python which can be used by multiple projects which have common functionalities.
* Wrote scripts in Python for automation of testing jobs.
* Worked on development of SQL and stored procedures on MYSQL.
* Worked with JSON based REST Web services and Amazon Web services (AWS).
* Experience in Agile development following SCRUM process, Sprint and daily stand-up meetings.
* Involved in Unit testing and Integration testing.
* Created a Git repository and added the project to GitHub.
* Used JIRA for bug tracking and issue tracking.
* Utilize PyUnit, the Python unit test framework, for all Python applications.
* Participated in requirement gathering and worked closely with the architect in designing and modeling.

**Environment:**

Python 2.7, Django, HTML, CSS, JavaScript, AJAX, JSON, REST/SOAP web service, AWS, Git, Linux

**KI2 InfoTech, Bangalore, India Feb 2011 - Jan 2012**

**Role: Python Developer**

**Description:** KI2 Infotech is an IT consulting company having many projects in- house and at client side

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirement gathering, modeling, analysis, design and development.
* User requirements study, analysis and review of the specifications
* Extensively used OOP’s concepts in overall design and development of the system.
* Interaction with the users at all stages of development to ensure that development was as per user specifications. Designed and Implemented the Python in Eclipse PyDev.
* Developed the presentation layer using JSP, JavaScript, JQuery and HTML.
* Developed various EJB components to fulfill the business functionality.
* Performed database operations and queries using MySQL.
* Work directly with management, vendors, and third parties to ensure database management applications operate at peak efficiency.
* Extensively worked on Python scripting and development. CSS is used to style Web pages, XHTML and XML markup.
* Implemented Servlets to handle HTTP requests for on-line requests, credit card payments, registration and bug tracking.
* Using XML for dynamic display of options in select box and description on web page.
* Developed SQL Queries in application logic and implemented queries to extract data from database

**Environment:** Python 2.6, Java Script, HTML, XHTML, JQuery, JSON, XML, CSS, MySQL, PL/SQL.

**Client: CMC, Hyderabad, India Jul 2009 to Jan 2011**

**Role: Software Engineer**

**Description:** CMC Limited is an information technology services, consulting and software company having its headquarters in New Delhi,India CMC is part of the TATA Group and is owned by Tata Consultancy Services.

CMC was incorporated on 26 December 1975, as the 'Computer Management Corporation Private Limited'

**Responsibilities:**

* Participated in requirement gathering from client and working according to the Change Requirements from users.
* Perform Root Cause Analysis (RCA) and deliver enhancement to the application as per the client requirements
* Analyzing and resolving production issues on daily basis.
* Participates in design reviews, test case reviews and production support readiness reviews for new releases and provide inputs for Go / NO Go decision.
* Responsible for smooth functioning of Application by resolving immediate and critical incidents and proposing workarounds for major problems at the earliest.
* Implemented the requirement by creating or modifying the Procedures/Packages, Triggers and Functions PL/SQL.
* Establish the process and application improvement initiatives with business and enterprise to handle the growing data of our application.
* Worked on Defects and Service Requests based on customer-driven priorities and work with team at offshore to deliver them.
* Also involved In Performance improvement and optimization activities.
* Perform DML, DDL Operations as per the Business requirement.
* Developed front end reports using Java objects like JSP and Servlets.
* Writing the typical SQL queries using different joins, sub queries and nested query in SQL query.
* Created Database Objects like tables, Views, Sequences, Synonyms, Stored Procedures, functions, Packages, Cursors, Ref Cursor and Triggers.
* Writing the stored procedures for Front End Reports, used Packages and Ref Cursors in

**Environment:**Java, J2EE, Struts,SVN Spring, Restful/SOAP web services, Oracle 11g ,PL/SQL ,HTML,UNIX, TOAD,RSA 7.5,HP OC, Team Track(SBM),TWS,Putty,Windows XP & 7

**EDUCATION:**

**Bachelor of engineering in information technology.**