**Arti Kamboj Bhatlapenumarti**

Python Developer

**SUMMARY:**

* Extensive experience as a **React/Python/Java** Developer using Django, Flask.
* 10+ years of experience as a Developer/ Lead.
* Worked at HCL Technology, for 10+ years and progressed from Software Engineer, Project Lead, Delivery Lead and worked with various cross functional team at onsite/offshore.
* Experienced with full software development lifecycle, architecting scalable platforms, Object Oriented programming, database design and agile methodologies.
* Experienced in developing web-based applications using **Python, Django ORM, React, JSX, XML, CSS, HTML, Javascript**
* Hands on experience in creating components using React, JavaScript, JSX
* Worked on testing tools like Jest, Enzyme, jasmine to perform unit and functional testing for components
* Good working knowledge on MVC and MVT framework and few design patterns.
* Worked on Django, Flask, Jinja template, Django RESTful services, developed various persistence API using Django Rest framework
* Worked in a prototype application for managing state with react Hooks
* IBM Watson, Pandas datasets and pyplots for graphing visualization plots.
* Successfully managed/delivered websites, portal solutions, Python-based web application and dot com projects on Agile principles.
* Experience with continuous integration and automation using Jenkins.
* Experience with Unit testing/ Test driven Development (TDD), Load Testing.
* Used Python library Beautiful soup for web scraping.
* Strongly believe in constantly delivering value to the customer with balanced team.
* Focusing on issue, risk, communication tracker and worked with the team as a Mentor, coach and Facilitator.
* Participated/presented project status dashboard in quarterly business review (QBR) meeting with business owners.
* Proactively seek out opportunities to provide innovative process improvement.

**TECHNICAL SKILLS:**

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| Programming languages | C, C++, Java, Python |
| Scripting Languages/Libraries | CSS, AJAX, Javascript, PHP, Shell Scripting, React and React Hooks |
| Markup Languages | HTML, XML, JSON |
| Databases | Oracle, My SQL, IBMDB2 |
| Query Languages | SQL, PL/ SQL, PostgreSQL |
| IDE/Development Tools | PyDev, PyScripter, Pycharm, Visual Studio code, Eclipse and NetBeans |
| Bug Tracking Tools | Jira and Bugzilla |
| Integration Tools | Jenkins |
| Version Control | SVN/Subversion and GitHub |
| Browsers | Internet Explorer, Mozilla Firefox, Google Chrome, Safari. |
| MS Office Tools | Microsoft Excel, Microsoft word, Microsoft PowerPoint, Outlook. |
| Operating Systems | Windows XP/7/2008/10, Mac OS. |

**EDUCATION**Bachelor of Engineering in computer Science, Shivaji University India, June 1997

**CERTIFICATION**

* Completed online course IBM Certified Data Science offered by Coursera
* SCRUM Master Certification
* MCSE (Microsoft certification) – NIIT,1998, INDIA
* Six Sigma Green Belt certified

**PROFESSIONAL EXPERIENCE:**

**DaVita**, **Malvern, PA Apr 2016 – Present  
Python/React Developer**

**Description:** DaVita is a Health-care service which provides the dialysis services for the patients who are suffering from chronic kidney failures. Scope of the project is to create API’s for storing historical data of the patients records and their responses to different medications. Creating different kinds of panda’s datasets for training and predictor model used by data scientist for decision algorithms. Currently working in end to end application development using Python and Django.

**Responsibilities:**

* Developed web application using the Python and Django using Django’s class based and function-based views
* Developed views and templates with Python and Django's view controller and templating language to create a user-friendly website interface.
* Wrote Python routines to log into the websites and fetch data for selected options.
* Developed entire frontend and backend modules using Python on Django Web Framework, fixtures, signals, Serializers and worked with different databases
* Build database mapping classes using Django models and ORM.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Developing data visualization application for exploratory data analysis using Python Matplotlib library.
* Develop applications to read and visualize continuous trend in data using Python panda’s data frame and Line plots.
* Performed cleanup, munge, and process data stored in panda’s data frame and used Pandas API to put the data in tabular format for patients responding to medication for disease, data manipulation and retrieval.
* Developed API to scrape data from web and process data using Beautiful soup API/XML.
* Perform document modifications and enhancements made to the applications, systems and databases as required by the project.
* Implement continuous integration and continuous delivery processes using GitLab along with Python and Shell scripts to automate routine jobs, which includes synchronizing installers, configuration modules, packages and requirements for the applications.
* Generated Python Django forms to record data of online users and used Pytest for writing test cases.
* Developed front end apps with react and developed various components using React libraries and Enzyme for testing the React component for one dashboard application
* Good Understanding of the Database Schema, Data Dictionary, Data Models for testing the data in an ETL process.
* Created data access using SQL and PL/SQL stored procedures.
* Participated in the complete SDLC process and performed unit testing using Python packages
* Version control using GITHub, involved in writing stored procedures using MySQL

**Environment:** Python 3.4/2.7, Django 1.7, HTML5, CSS, JSON, JavaScript, Rect, RESTful web service, Pytest, Pandas, Cassandra, Jenkins, gitlab, IBM Watson suite, Python libraries like Matplotlib, pandas.

**AppSmart Apr 2012 – Apr 2015**

**Python Developer**

**Responsibilities:**

* Developed dynamic web pages using python Django Frameworks and developed various templates for different customers and saved their User preferences.
* Role based authentication API is developed using Django framework, data exchange and business logic implementation.
* Responsible for designing, developing, testing, deploying and maintaining the web application.
* Responsible for managing large databases using Pandas data frames and MySQL.
* Write Automation/test python scripts to test the application and Used HTML, CSS for front-end applications.
* Used python scripts to update content in the database and manipulate files.
* Developed Business Logic using Python on Django Web Framework.
* Used Django Database API's to access database objects.
* Involved in building database Model, APIs and Views utilizing Python, in order to build an interactive web-based solution.
* Used Python based GUI components for the front-end functionality such as selection criteria.
* Created test harness to enable comprehensive testing utilizing Python.
* Developed simple application for partner site using Python Flask framework for backend service.
* Developed React front end application and transferring Jason data over HTTP.

**Environment:** Python 3.x, Django, DOM, JSON, HTML5, CSS3, AJAX, JavaScript, Apache Web Server, MYSQL, GitHub, LINUX.

**HCL Technologies Apr 2000 – Sep 2010**

**Developer/Lead**

**Description:** The Project is to develop inventory tracking, sales forecast and build complete dashboard system for business users. Also, there I Worked on Documentum and developed EDMS system.

* Involved understanding the current business process, defining scope of the project along with position statement.
* Re-engineered various modules for implementing changes and creating efficient system.
* Assisted team in production support of Java based Licencing generation tool
* Developed dynamic web pages using MVC Frameworks.
* Developed content migration utility tool to migrate the content.
* As a Tech Lead, I was part of design for the content migration tool on MVC framework
* Performed end to end testing to cover all scenarios of content migration
* Coordinated knowledge transition from vendor till successful execution of projects.
* Worked as Delivery Lead with one of client in San Jose, CA in networking domain.
* Managed account from initiation phase, Knowledge transfer phase till production roll out.
* Worked with business owners to understand their line of business and developed detailed plan for team including all cross-department owners.
* Facilitated smooth environment for business owners, technical team and offshore team interaction to resolve any impediments.
* Scope of the project was to Develop web-based portal solution for Networking client on.
* WebSphere portal with Documentum for documents storage and workflow process
* This project was executed on Agile principles using SCRUM framework.
* Provided end to end support from project initiation to production roll out.
* Responsible for guiding core team on Agile principles and creating positivity within the team
* Provided Agile coaching to the team and organization and set up process for day to day scrum activities/ceremonies
* Assisted core team in developing deliverables such as standards, policies and communication plans.
* Monitors and tracks project progress and guided and coached project team to be self-organizing.
* Used Java/J2ee and PL/SQL for creating stored procedure
* Supported Apache Server on windows Platform.
* Installation and setting up LDAP system for user authentication.
* Involved in writing modules for Role based authentication using LDAP server in Java and servelets and wrote business layer API for field sales forecasting application
* Developed internal time sheet application for the project using Java/J2ee with JSP and Servelets on MVC framework
* Received client appreciation for the implementation of the system
* Developed Use cases and Test Cases for QA testing.
* Provided support for the UAT of the product.

**Environment:** MS Visio, Java/J2ee, JIRA, UML, websphere Potal server, Documentum, PMSmart (Internal tool), UML, Java, Eclipse (IDE) Windows 7, SQL, LDAP, Siteminder and sharepoint.