PASUPULETI VINOD

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Professional Summary:

* Having 5+ years of total experience
* Having 3.9 years of experience in IT industry.
* Having 3.9 years of experience as a **Web/Application Developer and coding** with analytical programming using **Python, Django, Flask**.
* **Udacity Certified Full Stack Web Developer with Python**
* **Done Front End Nanodegree with ReactJS Certification from Udacity**
* Experience in using Design Patterns such as MVT and frameworks such as **Django, Flask**
* Experience in using **Apache Airflow** for **Authoring**, **Scheduling** and **Monitoring** the Jobs
* Understanding of Python concepts like **Lists, Strings, Indexing, Slicing, Tuples and Dictionaries**
* Familiar with Python Object Oriented concepts like **Classes, Overloading and Reusable Modules**
* Collaborate with teams to follow the best technical design and approach for development
* Involved in Design, Development and Maintenance of Applications.
* Involved in the development of the applications.
* Experienced in working with various Python Integrated Development Environments **like IDLE, Visual Studio Code, PyCharm and Sublime Text3**
* Familiarity with **Django ORM** **(Object Relational Mapper)**
* Very good knowledge on **Regular Expressions, File Handling, Modules and Functions**
* Experience in developing User Interface using **HTML**
* Should adapt changes based on project requirements
* Good knowledge and work experience with **MySQL, SQLAlchemy, Flask ORM**
* Out of hours support when needed.
* Basic understanding of front-end technologies, such as **JavaScript, HTML5, and CSS3**
* Good experience in Google docs, Sheets, Slides, MS Office
* Good experience in tools **SonarQube**, **Sonar Scanner** and **Sonar Lint**
* Good experience in **API Testing with** **Swagger** **UI**
* Good with Agile and Scrum methodologies

###### Experience Summary:

**Project #1**

**Title :** Payment Services for Credit Unios (PSCU)

**Client :** US Client

**Environment :** Python 3.7, Pandas, Windows10,

**Team size :** 4

**Role** : Developer

**Description** : Created an automation process to gather data from key PSCU systems, aggregate that data, and insert/update that information into the **Sparx Enterprise Architect Repository**. Total 18 components/packages (referred I Timeline section) will be in scope for automation and includes features like logging, Impact assessment, Rollback, Traceability. The automation process includes retrieve, transform and import of data into sparx database. External systems to retrieve the data includes Active Directory, Ping, Prime DB, TMC DB, TIMS/Service now, AppDynamics, Splunk, Bit bucket/GIT, Mobius, Solarwinds, SonarQube. Python scripting language for data retrieval, transform, validate and load data to SPARX database leverage PSCU automation tools to schedule the scripts as per required frequency UAT and Production rollout support.

**Roles & Responsibilities:**

* + - Developed Project-wise, Course-wise, and Batch-wise reports generation
    - Tracking system employee activities in entire day thought the state
    - Developed back-end components to improve responsiveness and overall performance
    - District wise user creation

**Project#2**

**Title :** More Than Captcha (MTCA)

**Client :** Jhonny Chunnks

**Environment :** JavaScript, jQuery,NodeJS, MySql Windows7, Visual Studio Code

**Role :** Developer

**Description :** MoreThanCaptcha is an ML-based smart captcha service that focuses on protecting websites, web applications, forums, blogs and web pages over the internet.   The patented ML algorithm is implemented using Scikit-learn in MTCaptcha provides 99.9% fool-proof protection against hacking the website.  MTC acts as a gateway to other systems and it can be integrated on any website section. It will protect the service integrated sites by providing security against attackers and bots. MTCaptcha is designed smart enough to tell humans and bots apart while still providing optimal ease for humans to pass through the security checks of MTCaptcha without difficulty.   MTCaptcha protects the site against scraping and crawling bots.  We are aiming at this service to be tightened with even more advanced security enhancements that will replace the Google Recaptcha services.  The services are also popular in China where Google has very limited access.   As the name suggests, it provides more than captcha services; it provides analytics, usage and pattern analysis through a cloud-based console. Enterprises can monitor the way their captcha is been used and set various ways of billing too. Technologies: Core JS,  React, TypeScript, Bootstrap 4, D3 JS, Chart JS,  jQuery, Backbone JS Templating, Underscore JS, Java Server Pages, NPM, Maven, Jenkins, Nginx, Express, Node, Java,  MySQL, Nginx,  Route 53

**Roles & Responsibilities:**

* Involved in front-end designing using **HTML, CSS, JavaScript, and Bootstrap**
* Worked on Resolving Bugs in the MTCaptcha Administration site
* Involved in handling the Admin Dashboard for MTCaptcha Administration site

**Project #3**

**Title :** Employee Management System

**Client :** APSSDC (Andhra Pradesh State Government)

**Environment :** Python 3, Django, Windows7

**Team size :** 7

**Role** : Developer

**Description** : Employee Management System is mainly developed for employee registration it is based on IRIS Authentication and in this we have maintained their attendance by IRIS kit and track them by IRIS based attendance (When they will come and leave). Project also contains employee transfer system and termination of employee. And their working and issue reports.

**Roles & Responsibilities:**

* + - Developed Project-wise, Course-wise, and Batch-wise reports generation
    - Tracking system employee activities in entire day thought the state
    - Developed back-end components to improve responsiveness and overall performance
    - District wise user creation

**Project#4**

**Title :** Krishna Pushkaralu Survey

**Client :** A.P Pushkaralu Govt. Team

**Environment :** Python 3, Flask, MySql Windows7, PyCharm

**Role :** Developer

**Description :** Krishna Pushkaralu Survey project developed based on python platform. Through this site A.P Pushkaralu Govt. Team can estimate pilgrim’s count in each and every Ghats. This makes flexible for volunteer team to manage pilgrim’s very easily, without any disturbance & crushes in Pushkara Ghats. We generated individual reports & day by day reports for each Ghat. This makes more efficiency for Krishna Pushkaralu.

**Roles & Responsibilities:**

* Involved in front-end designing using **HTML, CSS, JavaScript, and Bootstrap**
* Designed and developed data management system using **MySQL**.
* Designed the Web application Using **Python and Flask Web Framework** pattern to make it extensible and flexible
* Responsible for **debugging and troubleshooting** the web application
* Build all database mapping classes using **Flask models Flask ORM** (**SQLAlchemy**)
* Involved in entire lifecycle of the project including Design, Development, and Deployment, implementation and support based on the requirement

Educational Details:

* B.Tech Computer Science and Engineering from Sri Venkateswara College of Engineering, Tirupati (JNTUA) with 66% During 2012 – 2015
* Diploma from Dr. Y.C James Yen Rural Polytechnic College, Kuppam (SBTET) with 66% during 2008-2011
* SSC from Sri Venkateswara Children’s High School, Tirupati with 69% in 2008

**Other Qualification:**

* Govt. of Andhra Pradesh Department of Employment & Training Provisional National Trade Certificate
* Percentage : 84%
* College : O.V.R I.T.C, Tirupati
* Branch : Mechanical (DIESEL)
* Completed : Apr – 2012

Technical Expertise:

Programming Languages : Python 3.X

Operating System : Mac and Windows 7, 10

Databases : MySQL, MS SQL Server

Web Technologies : HTML, CSS, JavaScript, jQuery, ECMAScript6

Application Servers : Apache Tomcat

Web Development Frameworks : Django, Flask

Cron Jobs Frameworks : Apache Airflow

Tools and IDEs : Visual Studio, Sublime Text3

Personal Details:

**Date of Birth** : 18, June, 1993

**Languages Known** : Telugu, English

**Permanent Address** : 2-1-125, Kola Street, Tirupathi,

Chittoor Dist – 517501, Andhra Pradesh (State)

**Passport No. :** L4722896 (17, Sep, 2023)

**Declaration:**

I hereby declare that the above information is genuine to my knowledge.

(Vinod P) Date :

Signature Place :