

Vaibhav Prabhakar Narkhede
Software Engineer
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Company Name : Tata Consultancy Services, Pune

Career Objective

To serve the organization with highest sincerity and dedication as a software engineer where I can contribute my knowledge & ready to take up a job which will be progressive for my career & for the company's future for whom I am working.

Work Experience

- An astute professional with around 3+ years of experience in web/application development using Python and Django.
- Experience on **Core Python, Advanced Python, OOP's Concept, Django, Unit Test, Pytest, Python Debugger (Pdb)** and front-end technologies like **HTML, CSS and Bootstrap**.
- Experience in **MySQL, SQLite3, PostgreSQL, MongoDB**.
- Proficient experience in implementation of **Django object-relational mapping (ORM)**.
- Proficient experience with **JSON, REST API** with Django & Web Scraping using **Beautifulsoup4**.
- Strong experience using **Web Services and API's** in python.
- Working knowledge of development environments such as **Visual Studio Code, PyCharm and Jupyter Notebook**.
- Good Knowledge in **Flask ORM i.e. SQLAlchemy**
- Proficient in developing **Test-driven development (TDD)**.
- Hands on experience in writing, optimizing and debugging, functions, view and troubleshooting issues.
- Experience working within an **Agile/Scrum** work flow.
- Experience with code versioning tool **Git**.
- Project Management tool **JIRA**.
- Highly motivated, energetic team player, quick learner, flexible to work on multiple technologies.
- Delivered impressive results in performance improvements of application, Handled and supported complex technical tasks.
- Good knowledge in a disciplined **Software Development Life Cycle (SDLC)** process and has good analytical, programming and problem-solving skills.
- Ability to realize the large picture of the organizational data condition
- Task organization, time management, and project management
- Creativity, originality, and out of the box thinking capability.

Job Responsibilities

- Responsible for getting, understanding the business specs, preparing technical Specs.
- Involved in creating page templates required for the project.
- Fixing reported bugs and writing the script and Performing code coverage and standardization.
- Developed the applications using Django Framework, which includes Python code.
- Involved in creating modules and models using Python required for the project.
- Experienced in developing Object Relational Mapping codes using the Django framework.
- Drafted design and implementation documentation.
- Making day to day changes in the project according to client request.
- Interacting with Clients.
- Well-groomed with in CI-CD pipeline.
- Hands on experience on API testing using Postman tool.

Software Skills

Programming Language	: Python
Databases	: MySQL, PostgreSQL, SQLite3
Development Tools	: VS-Code , PyCharm, Jupyter Notebook
Framework Software	: Django, Flask
Web Designing	: HTML, CSS, Bootstrap
API Testing Tool	: Postman, DRF Swagger, Httpie, Curl
Project Management tool	: JIRA
Operating System	: Windows, Linux
Data Analytics Libraries	: NumPy, Pandas, Matplotlib, Scikit-learn
Cloud Services	: AWS, S3 Bucket, Lambda Services.

Industry Experience

Current Organization : Software Engineer at ITE Software Solutions Private, Ltd, Pune
Duration : July 2019 –till date

#Project 1 : **Servo Manager System**
Technologies : Python 3.x, Django, Django REST API, MySQL, Git, Paramiko
Team Size : 8
Client : Tata Consultancy Services, Pune
Project Details :

This application platform provides to form a complete solution for the initial provisioning and ongoing automated management of server and applications. This tool helps to set up and maintain an application server, implement security restrictions and define user permissions using configuration files. This system lets the user connects with multiple servers.

User can access the file structure and terminal of any server with irrespective of OS. This platform consists of different types of modules like Job, Depots, Server, Search, Tasks, Role Based Authentication, etc. User can deploy the script files on any server.

#Project 2 : **Employee Record Management Portal**
Technologies : Python 3.x, Django, MySQL, Git
Team Size : 6
Client : Internal
Project Details :

Employee Registration Project in Django is created using Python Django Framework. Django can handle common web development tasks. Django take care of user authentication, content administration and many more tasks. Admin can manage employee in different workgroup. Once application is open, home page will be available where employee can be able to login. Admin login, Employee SignUp, Employee Login options available on homepage. Admin will be able to login to Account.

Admin will be able to access the details of all employee and update it. Using Employee SignUp employee get registered. With register email and password employee will be able to login, add the Education details Personal Details, Experience Details in the form and checkout the update details.

#Project 3 : **Blood Bank Management System**
Technologies : Python 3.x, Flask, MySQL, HTML, CSS,
Team Size : 5
Client : Internal
Project Details :

This project helps in managing various blood bank operations effectively. The project consists of a central repository containing various blood deposits available along with associated details. These details include blood type, storage area and date of storage. These details help in maintaining and monitoring the blood deposits. This project allows checking whether required blood deposits of a particular groups are available in the blood bank. This project encourages blood donors to donate and helps people to find blood donors in time of need.

#Project 4 : **Heart Disease Prediction System using Machine Learning**
Technologies : Python 3.x, Tkinter, Sklearn, Matplotlib, Numpy, Pandas
Project Details :

This project is developed as a mini project where with the help of the learning technique, the system is able to predict the heart disease for a person on the basis of parameters like age, hypertension, gender, BMI (Body Mass Index),cholesterol level, smoking status, married status, blood pressure, weight. The project involved analysis of the heart disease patient dataset with proper data processing.

Even the system is designed in such a way that if all the values are there then patient can enter them with GUI and can see the result whether he/she can undergo heart disease in future or not. If yes, then we are suggesting them to consult the Doctors by providing hospital details to them. Then, different models were trained and predictions are made with different algorithms KNN, Decision Tree, Random Forest, SVM, Logistic Regression etc. The results are also presented in terms of accuracies with the help of graphs.

Previous Experience

- Assistant Professor, Department of Computer Science and Engineering, Pankaj Laddhad Institute of Technology and Management Studies, Buldhana. (June 2013 – May 2018)

Roles and Responsibilities:

- In-charge Head of Department of Computer Science & Engineering
- Facilitation Center (FC) In charge for session 2017-18, 2016-17, Application Receipt Center (ARC) In charge for the session 2015-16, 2014-15.
- Student Branch Counselor & CSI In charge for the CSI Student Chapter
- Test Center Administrator for Online Exam Conducted by TCS & Sify Technologies, Nagpur.

Certifications

- **IBM (Specialization Course)** - Machine Learning with Python (Coursera)
- **IBM (Specialization Course)** - What is Data Science? (Coursera)
- **Machine Learning A-Z** - Hands on Python and R In Data Science(Udemy)
- **Tableau 2020 A-Z** - Hands on Tableau Training for Data Science. (Udemy)
- **Learn to code in Python 3** - Programming Beginner to Advanced (Udemy)
- Python 3 Course (Sololearn)
- “Cryptography and Network Security” (NPTEL)
- “Enhancing Soft Skills and personality” (NPTEL)

Achievements

- Awarded as a “**BEST LIFTER**” in Volleyball Tournament organized by Anuradha Engineering College, Chikhli.

Educational Qualifications

Qualification	Specialization In	Board/University	Percentage/ CGPA
Master of Engineering	Computer Science & Engg.	SGBAU Amravati	8.25
Bachelor of Engineering	Information Technology	SGBAU Amravati	74.74
Higher Secondary School	-	Maharashtra State Board	84.33
Secondary School Certificate	-	Maharashtra State Board	89.06

Personal Details

- **Date of Birth** : 22.07.1989
- **Marital status** : Married
- **Nationality** : Indian
- **Hobbies & Interest** : Playing Volleyball.
- **Passport** : V9751087
- **Language Proficiency** : English, Hindi, and Marathi.
- **Permanent Address** : S/o Mr. Prabhakar Narayan Narkhede, Tulsi Nagar, Kalwaghe Lay-out, Buldhana. -443001.
Contact: +919881417395

I, hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place:

(Vaibhav P. Narkhede)