**Akshay Vinayak Bokde Senior Software** **Engineer**

**Key Attributes**:

* 3.5 years of experience as Web/application Developer and coding with analytical programming using Python Django.
* Extensively utilized Django technologies including forms, templates and ORM for communication with databases.
* Proficient in using various Python editors like PyCharm, VS Code, and Jupyter and extensive knowledge in ORM like SQLAlchemy
* Skilled in writing unit test cases using Unit Test and Pytest, and utilizing the logging standard library for execution understanding.
* Knowledge in Connected car system and validation.
* Hands-on experience in relational databases MySQL, PostgreSQL.
* Knowledge in AWS infrastructure various resources EC2, S3, IAM, Security Group and RDS clouds.

**Technical skills**

Languages: Python

Frameworks: Django, Flask, Rest framework

Tools/IDE: Git, Github, Postman, AWS, ARXML Visualizer, DLT Viewer, Candela

Database: MySQL, PostgreSQL

Frontend: HTML, CSS, Bootstrap, Javascript

**Work Experience**

**Randstad Digital**

**Full Stack Developer training Mar 2024 – May 2024**

● Understanding the Design pattern

● Understanding web development.

● Hands on JavaScript’s, node.js, PostgreSQL, typescripts, MongoDB.

● created the application using flask.

**Valeo Artemis Project Sept 2023 – Dec 2023**

**Senior Software Engineer**

**Domain:** Automotive ECUs testing

**Description**: Proficient in testing Automotive Electronic Control Units (ECUs) for Valeo, specializing in Transmission Control Units (TCUs) for Mercedes-Benz vehicles. Collaborated closely with cross-functional teams at Valeo, including hardware engineers, software developers, and quality assurance professionals, to identify, diagnose, and resolve TCU-related issues promptly.

**Responsibilities:**

* Scripted testcase using python language for testing Telematics Control Unit.
* Developed dynamic function using python to enhanced functionality of test Scripts.
* Executed testcase on remote benches for validation and getting DLT logs.
* Analyzed DLT logs for connectivity features and getting right timestamp logs.
* Debugged error that occur during execution on remote bench.
* Checked Signal, DIDs, Postman data details available in ARXML visualizer, Candela, DLT Viewer tools.
* Worked on assistance Services, internet connectivity, Backend connectivity, Ethernet connectivity services.

**ITE Software Solutions Pvt Ltd Feb 2020 – May 2023**

**Software Engineer**

# Project: Pet Shop Web Application

**Platform Environment**: Python 3.x, Django, MySQL, Postman, Requests, bootstrap, HTML5

**Domain**: E-commerce

# Description:

This project is being designed for Pet care and services, where we have different foods, costumes, accessories, medication products and other services like grooming, washing, veterinary services, pet training, pet care etc. which are required in day-to-day life of pets. In this project, New Customers can register on portal for services. There are pet stores from where registered customer can get services for their pets.

To avail products like foods, costumes, other services online for particular pet, customer can put orders. After successful payment is done, products will be shipped to customer location. For customer’s simplicity products which are available are shown category wise. Customers can pay bill online. Category wise costumes are shown for festival also, so that customers can directly shop it, add it to cart and purchase it.

# Roles and Responsibilities:

* Working in Agile methodology for Analysis, designing and implementing for this project.
* Involved in model’s design.
* Involved in API integration, Working on customer UI .
* Developing back-end code using class based and function-based views.
* Developing python code using Django concepts as per client requirements.
* Resolving technical issues, bugs by debugging and testing.
* Creating HTTP methods (get, post, etc.) to make requests to API server and testing using Postman.
* Involved in designing database structure.
* Participating in designing and developing the website using HTML, CSS.

# Project: Development of E-commerce Website

**Platform Environment**: Python 3.x, Django, PostgreSQL, Postman, JavaScript

**Domain:** E-Commerce

# Description:

This project deals with developing a virtual website ‘E-commerce Website’. It provides the user with a list of various products available for purchase in the store. For the convenience of online shopping, a shopping Cart is provided to the user. After the selection of the goods, it is sent for the order confirmation process.

The system is implemented using Python’s web framework Django. It will display products, customers can select catalogs and select products, and can remove products from their cart specifying the quantity of each item. Selected items will be collected in a cart. At checkout, the item on the card will be presented as an order. Customers can pay for the items in the cart to complete an order.

# Roles and Responsibilities:

* Involved in Understanding the client requirements.
* Worked in Agile Methodology through the whole project and participated in designing,
* Developing and testing the application.
* Worked on Analysis, Models designing, scalable coding and implementing project
* Worked with Django Class Based Views, Function Based Views for creating API’s.
* Involved in API integration, Payment integration.
* Integrated the Django application with PostgreSQL database. Actively worked with Senior Engineers to understand software requirements and timelines.
* Involvement in fixing application to ensure timely delivery along with writing Unittest cases.
* Any critical issue comes then find out the root cause by using RCA like 5Whys.
* Provided technical assistance for code integration with Git.

# Project: Online Organic Health Food Store Project

**Platform Environment**: Python 3.x, Flask, MySQL, Postman, bootstrap, HTML, MySQL

**Domain:** E-Commerce

# Description:

Conventional fruits and vegetables are often sprayed with pesticides. When you buy such fruits and vegetables, these stubborn chemicals remain on the food. Organic food is not easily available in the market. There are only some particular shops where organic food is available. E-commerce is a process of doing business through computer network. To overcome the difficulty of organic food shopping. We have proposed a best online organic store which provides organic foods by just sitting at home and follows E-commerce mode of shopping.

This system has two modules namely, Admin and Customers. Admin has authority to add organic food list on the website, view products uploaded, view customers and view the customer’s order. Customers can register and login using credentials. Customers has authority to view products, desire products and can add to cart and do payment for it, they can view their previous order history and also can track their order.

# Roles and Responsibilities:

* Involved in Understanding the client requirements.
* Worked in Agile Methodology for design and testing.
* Worked in Models designing and implementation.
* Worked with Flask framework to define Function Based Views for creating API.
* Coordination for front end development.
* Integrated the Flask application with MySQL database.

**Education:**

B.E. from Savitribai Phule Pune University in 2017