Nayan Khode

Python/ Django/ Automation Software Developer

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SUMMARY

Software Developer having 4+ years experienced web and application development in Python/Django professional with a demonstrating capability in designing & maintaining software and website. An enthusiastic team player and problem solver with good knowledge into software development process.

KEY SKILLS

• Software/Application Development & Maintenance • Website Development • Webpage Optimization • Team Leadership • Agile Methodology • System Support • Coding • Client Requirement • User Interaction • Debugging • Compliance • Application Design

TECHNICAL SKILLS

- **Programming Language**: Python, PHP, Javascript, shell scripting.
- Database : MySQL, MySQL lite.
- **Frameworks: Django**, PYQT5, JQUERY.
- **Web Design**: HTML5, CSS, JavaScript, Bootstrap .
- **Version Control Systems**: Git, Tortoise SVN.
- **Tools & Web Servers**: Apache, Atlassian JIRA, PyCharm IDE, Jupyter Notebook, WAMP, Adobe Photoshop, Excel and Word .
- **Platforms**: Linux ,Windows
- Other: Rest API, OOPS concept, Multi-Threading. Threading, Pandas, Numpy, Chart.JS, Django Crispy forms, Manual Testing, JSON, XML, Ajax, GraphQL, ORM, File Handling and Parsing, WordPress,NetSuite.

Accomplishment

- Received appreciation from the Curite Solution for outstanding performance on the Project.

Extra Curriculum

PROFESSIONAL EXPERIENCE

Senior Software Developer

Apr '19 - Present

Curite Solution Private Limited

Pune, IN

Curite Solution (WSS) is a Manufacturing and software company, where they provide system to Defence, Cell Towers etc.

Project #1 - WSS Tracker Application

Created a Web-Based Django Application that will help organizations to track individual boards and the entire system as well as manage inventory, Purchase Order, File Management, Pallet Tracker, and built PO's to assist in product manufacturing.

Responsibilities

- Built File Upload and Management functionality where users can upload/download huge and multiple documents which have **saved time by 90%**
- Generate **PDF File** for shipping label dynamically with logo and barcode
- **UPS Shipping service Integration** with **REST API**, The response generated is in **JSON** which will be parsed and connected to **DataBase**.
- Scanning **QR code** creates a new entry to the UI table with validation by **Jquery**, **AJAX**, **Django back-end** codes.
- Created Script which will generate **License File** with the help of **Private key**, The user can able to decode it with the help of **Public key**
- **Built Reports and Histogram Graph with chart.JS with the Download Excel/CSV File.**
- **Dynamic CSV File Upload** with UI that can map any columns from CSV File, Reduced Manual work and human error by **98%**
- Conducted thorough **research** on **information needs**, ER Diagrams, systems flow, and data usage as part of creating software solutions
- Developed web **applications** by deploying frameworks, languages, and platforms such as Javascript, SQL, Python, Django, and HTML
- Coordinated with the top-level professionals senior management of **5+ members** in an **Agile** development environment to support short iterative cycles

Platform and Tools

Python, Django, HTML, CSS, Jquery, JavaScript, Chart.JS, Bootstrap, Jinja 2, 0365, PyMySql, PDF, REST API, Cryptography, Beautiful SOAP, Django Crispy Forms, Django QR Code, Pandas, Numpy, Netifaces, base64, Pillow, Django tables2, Email Integration, JSON, GraphQL

Project #2 - Smart Tester Application

Smart Tester GUI is Implemented on the PYQT5 framework which will run measurement scripts for measurement Instruments. The dynamic UI interface with functionality like configure the system, Allow users to select products, etc

Responsibilities

- Designed **Desktop GUI** with the tool QT Designer and Integrate components with **GUI back-end** to ensure a smooth process
- Automation of Script saved a lot of time of manual Measurement Testing also reduced **Human errors by 98%**
- **Multi-Threading** techniques are used with different window pop-up boxes and also with **Q message-box** to avoid restarting GUI
- Design **splash window** to select the product which will help application to reduce extra features that are not necessary
- Friendly **UI Interface** for Result option and Configuration window with separate **thread** implementation.
- Produced Binary **EXE** File so that the software can be installed on any PC
- Ensured adherence to programming standards encompassing production, productivity, and **quality standards**

Platform and Tools

Python, PYQT5, QT Designer, PyInstaller

Junior Software Engineer
Apr '17 - Mar '19

Purple Patch Technologies Private Limited
Bangaore, IN

Purple patch technologies(Mobility e-commerce) is a SAAS based marketplace and enterprise ERP platform for wholesalers, distributors, drop-shippers, product companies across worldwide to sell on marketplaces like Amazon, eBay, Half Sears, Rakuten, Overstock, Houzz, Walmart, Shop.com, Webstore and eCommerce platforms.

Project #1 - Automation of orders with web services

The scope of this project is to get orders reports through the Amazon marketplace using Rest API. Order reports are then inserted into the database to perform several tasks like manage orders, shipping processes, etc. Integration of Email to notify an activity every day.

Responsibilities
- Created end to end functionality of the code using **Python and REST API** which have helped to automate this process
- Involved in Creating Database Schema, ER diagrams, and MySQL to create databases and tables.
- Involved in fixing the bugs and implemented an Email tracker system that keeps a log of every activity.
- Integration of Applications with third-party web services that have **reduced 98% of Manual work**

Platforms and Tools

Python, REST API, PyMySQL, Pandas

Project #2 - Mobility Ecommerce

Mobility Ecommerce is a Web-Based MarketPlace and Enterprise ERP Platform.

Responsibilities
- **Prepare and Clean data in MySQL** database to-do listing on different marketplace
- Involved in **client calls** to understand client requirements and progress reports on project status
- Used to handle **Customer Support** for Trunki, Rasa, Mobility E-Commerce
- Create and maintain **WordPress website** for Rasa and Mobility E-Commerce
- Involved in process of creating Purchase Order, sales, dashboard and save search report using **NETSUITE**
- **Generate Reports** to submit data to clients with the help of the MySql database
- Involved in the process of doing a **small project** on Mobility e-commerce web-based application with **PHP, Javascript, Ajax, and MySQL**

Platforms and Tools

Python, WordPress, PHP, MySQL, Drift, JIRA, JavaScript, Jquery, NETSUITE, JSON, XML

Internship
Jan '16 - Jun '16

Precision Power Products Private Limited
Aurangabad, IN

Precision power product is a product based Manufacturing company that provides defense application

Responsibilites
- Worked on project Battery Monitoring System (BMS) which is used in submarines

EDUCATION

B.Tech in Electronics and Tele-Communication
Jul '13 - Jul '16

Maharashtra Institute of Technology
Aurangabad, IN

Diploma Electronics and Tele-Communication
Jul '10 - Jun '13

Hi-Tech Polytechnic College
Aurangabad, IN