AKASH DESAI

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Professional Summary

Experienced Python Developer with a strong track record of designing, developing, and maintaining software solutions. Proficient in Python programming, I excel in building web applications, integrating APIs, and optimizing database performance. My dedication to delivering clean, efficient code and my ability to collaborate effectively within cross-functional teams have contributed to the successful creation of scalable and maintainable software solutions. Eager to apply my skills and passion for Python development to drive the success of future projects.

Skills

- Python Development
- Product Development
- Web Development
- Database Management
- Frontend Technologies
- Version Control

- Testing and Debugging
- Software Architecture
- Security
- Deployment and DevOps
- Agile Methodologies
- Problem-Solving

Work History

Python Developer   06/2022 to 09/2023

Caliphcode Pvt Lmt – Pune, India

- Demonstrated expertise in Python programming with a focus on Python 3.x, including a deep understanding of language features, libraries, and best practices.
- Collaborated with cross-functional teams to gather and translate project requirements into technical solutions, ensuring alignment with business goals.
- Contributed to the optimization of code and database queries, resulting in significant improvements in application performance and efficiency.
- Conducted rigorous testing, including unit tests and integration tests, to identify and resolve bugs and glitches, ensuring high software quality.
- Worked with cloud platforms (e.g., DigitalOcean) to deploy applications and set up CI/CD pipelines for automated deployments.
- Implemented and maintained CI/CD pipelines using Jenkins and GitHub Actions to automate the build, testing, and deployment processes, resulting in faster release cycles, reduced manual errors, and improved software quality.
- Effectively communicated with clients to gather project requirements, discuss technical solutions, and provide project updates, ensuring client satisfaction.
- Expertly managed codebase versioning and collaborative development processes using Git and GitHub, ensuring code integrity, efficient collaboration with team members, and seamless project tracking.

Education

Bachelor of Science: Computer Science
Shivaji University Kolhapur - Kolhapur, India

Higher Secondary Certificate: Computer Science
Yashwantrao Chavan College of Science - Karad, India

Accomplishments

- Expertise in API Postman, Waterfall, and Agile methodologies
- Proficient in testing web-based applications.
- Expert in SDLC.
- Trained in JIRA software.
- Received the 'Employee of the Month' Award for the Autopilot project, recognizing exceptional on-time delivery.

Certifications

- Recognized as a top performer in the national-level Junior Software Developer course by Skill India PMKK Satara (2022)

A Project in Detail

- **Project Name:** Inventory Management System - Streamlines inventory control, offering real-time tracking and reporting for efficient stock and order management.
- **Problem Definition:**
  - The project aimed to address the challenges faced by businesses in managing their inventory efficiently.
  - Businesses often struggled with stockouts, overstocking, and manual data entry errors.
  - The need for a centralized and automated inventory management system became due to these issues.
- **Analysis of the problem:** I analyzed inventory management challenges, including:
  - Inventory inaccuracies: Frequent discrepancies between physical and recorded inventory levels.
  - Inefficient reporting: Lack of real-time reporting capabilities hindered data-driven decision-making.
  - Manual data entry errors: High instances of human errors in data entry leading to inaccuracies.
  - Order fulfillment delays: Delays in processing and fulfilling customer orders due to inefficient stock management.
- **Actions:** To address these issues, I undertook the following actions:
  - Conducted a thorough requirement analysis to align the system with client needs.
  - Designed a scalable solution with data synchronization and real-time reporting.
  - Collaborated with the development team to implement the solution.
  - Ensured reliability through quality assurance practices.
- **Implementation:** During the project, the following implementation steps were taken:
  - Successfully launched the Inventory Management System, featuring automated data synchronization and real-time reporting.
  - Conducted user training sessions for a smooth transition.
  - Monitored system performance and resolved issues.
- **Results:** Upon project completion, the following outcomes were observed:
  - Improved inventory accuracy, minimizing discrepancies.
  - Streamlined order processing, reducing fulfillment times.
  - Enabled real-time reporting for data-driven decisions and improved operational efficiency

Languages

Marathi

Bilingual or Proficient (C2)

English

Advanced (C1)

Hindi

Bilingual or Proficient (C2)

German

Beginner (A1)