ISHIKA VITTHALBHAI SHAH
Software Engineer

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SUMMARY

Experienced Python Developer with over 1 year and 11 months of proven expertise in web application development, ETL, and web scraping solutions. Proficient in Python, ETL, Flask and Djngo, with a strong foundation in client-server technologies and AWS. Skilled in project leadership, client management, and documentation. Demonstrated proficiency in Object-Oriented Python, web frameworks like Django and Flask, and essential libraries including Beautiful Soup, NumPy, and Pandas. Adept at utilizing PyCharm and Git for code organization and version control. Knowledgeable in UNIX/Linux shell scripting and containerization with Docker. Strong communicator and problem-solver, committed to delivering exceptional results.

SKILLS

Languages: Python, Java, SQL, JavaScript, HTML, C.

Technology: Django, Flask, MySQL, PostgreSQL, MongoDB, Redis, HTML, CSS, RESTful APIs, Git, NumPy, Pandas, Scrapy, Selenium, Beautifulsoup, Puppeteer, Playwrite, DRF SQLAlchemy, Docker, virtualenv, Redis, security, AWS, PEP 8.

Soft Skills: Communication, Problem-solving, Teamwork, Leadership, Time management, Continuous learning, Presentation skills

EXPERIENCE

1/2022 – Present   **Associate Software Engineer**   **Inexture Solutions LLP**
- Design, code, debug, and oversee operations for web applications using Python.
- Lead ETL and web scraping initiatives, implementing best practices and ensuring successful project delivery.
- Manage client communications, address inquiries, and provide accurate time estimations for project completion.
- Create and maintain Flask project structures and standard documentation for the company.
- Utilize Object-Oriented Python, Hash Tables, Multithreading, Flask, Django, MySQL, Exception Handling, and Collections.
- Work with MVT frameworks like Django, Flask, and leverage HTML, CSS, and Bootstrap for web development.
- Apply extensive Python expertise, including libraries like Beautiful Soup, NumPy, Pandas, and MySQLdb, for software development.
- Proficiently employ Git for code version control and organization.
- Implement UNIX/Linux shell scripting for job scheduling and automation to streamline operations.
- Containerize applications using Docker, enhancing deployment efficiency and resource management.

EDUCATION

6/2018 - 5/2022   **Bachelor of Technology (Computer Engineering)**   **Ganpat University**
Score: 9.22/10

ACHIEVEMENTS

01/2023 - 02/2023   **Employee of the Month - January**   **Inexture Solutions LLP**

02/2021 - 05/2022   **Microsoft Learn Student Ambassador**   **Microsoft**

CERTIFICATES

07/2023 - Present   **Building Modern Python Applications on AWS**   **Coursera**

03/2022 - Present   **Programming for Everybody (Getting Started with Python)**   **Coursera**

02/2019-05/2022   **National Service Scheme(NSS) Camp Volunteer**   **Ganpat University**

PROJECTS

Python   **MarketIntelHub**   Technology Stack Includes: Python3.8, Puppeteer, Playwrite, Scrapy, Beautifulsoup, NLTK, Elastic Search, AWS, Git, ,etc.
MarketIntelCrawler, a dynamic multi-service architecture deployed on AWS Cloud, consists of user-friendly UI applications Capisso and Protego. These applications secure Auth0 JWT tokens for authentication. The backend, orchestrated on an ECS cluster, includes services like Aragog (Spring Boot, Java 11) for API and crawling management, Krabbyc (Python, Scrapy) for marketplace crawling, Analyzer (Python) for scoring findings, and ML Trainer for periodic model updates. Effective communication through SQS queues and secure data storage in S3 buckets make MarketIntelCrawler a powerful solution for open marketplace infringement management.

Python - ETL   **ETLJobPortal**   Technology Stack includes: Python3, Scrapy, Selenium, MSSQL, Cron, Git, Docker, AWS, Django, Elastic Search, JSON, React
ETLJobPortal is a Python-based ETL solution, automating data extraction, transformation, and loading from job posting websites into an MS SQL database. It ensures real-time, organized data for a seamless job portal experience.

Python - Django   **Employee Management System**   Technology Stack Includes: Python3, DRF, PostgreSQL, AWS, Git
The Employee Management System, developed with Django Rest Framework and PostgreSQL, offers user authentication, role-based access control, and comprehensive employee data management. Solves challenges in authentication, database integration, and enhances efficient employee management

Python - Flask   **Event Management System**   Technology Stack Includes: Python3, Flask, PostgreSQL, Heroku, Git
This project leverages Python Flask and PostgreSQL to create an event management system with user event booking, vendor partnerships, and Heroku hosting. Overcame challenges in UI design and efficient data handling for seamless event planning.