

**Role:** Software Developer

**Organization:** KrawlNet Technologies Pvt Ltd.

(07-2022- Present)

**Key Technical Skills & Knowledge:**

- Python Strong Knowledge
- Scrapy, JavaScript Object Notation, Cascading Style Sheets, XMLPath Language,
- Data Mapping, Data Analysis
- Database Management, Troubleshooting and Debugging
- Web Scraping Best Practices
- Django Framework, Pandas, NumPy, Regular Expressions
- Jira Project Management
- Linux Server Handling
- MySQL DB
- REST API
- Fast API
- Git Version Control, CI/CD Pipelines, Bitbucket.

**Tools/Software:**

- PyCharm, Jira, Linux Server, Putty, WinSCP, Notepad ++, Beautify, Tortoise SVN

**Profile Summary:**

Dynamic Software Developer with over 3.6 years of experience in designing, developing, and deploying innovative data-driven applications and automation solutions. Expertise includes Python, backend development, API integration, data processing, and scalable system design, ensuring robust and efficient software delivery. Proven track record in building high-performance Scrapy pipelines, analyzing complex web data structures, optimizing code efficiency, and implementing CI/CD workflows. Recognized for strong problem-solving abilities, debugging skills, and a commitment to delivering reliable, production-ready software.

- Strong **analytical, logical, and problem-solving skills**, with the ability to identify requirement gaps and propose effective solutions.
- Proven ability to **understand client requirements**, evaluate feasibility, and analyze the impact of enhancements.
- Expertise in **HTML, CSS, and XPath** for accurately navigating and extracting structured data from web pages.
- Hands-on experience working with **HTTP methods (GET, POST, PUT)** to interact with web servers, including request customization using headers and parameters for efficient data retrieval and updates.
- Skilled in **JSON parsing and data transformation** to extract and process structured data from web responses.
- Experience with **Python backend development**, including **Django and FastAPI** for building and integrating **RESTful APIs**.
- Strong expertise in **Web Scraping, Data Mapping, and Data Pipeline development** following best practices.
- Proficient in **Python programming**, debugging, and troubleshooting using tools like **VS Code, PyCharm and Jira**.
- Experienced in writing **clean, maintainable, and optimized code** for production environments.

**Work Experience:**

**DOMAIN** – E-commerce & Fashion Industry

**PROJECT:** E-commerce Data Mining Initiative (07- 2022 – Present)

**Role:** Software Developer

### Languages:

- English

(Full Professional Proficiency)

- Marathi

(Full Professional Proficiency)

- Hindi

(Full Professional Proficiency)

### Interests:

- Continuous learning of modern Python frameworks.
- Fitness and personal development.

**Description:** Results-oriented Software Developer with expertise in Python and Scrapy, specializing in building scalable web scraping pipelines and structured data processing solutions for e-commerce platforms. Skilled in transforming complex web data into reliable datasets that support data-driven business decisions

### Responsibilities:

- Validated **server-client data feeds** for accuracy, consistency, and completeness, ensuring **high data integrity** for downstream processing and analysis.
- Monitored, triaged, and resolved production issues via **Jira**, collaborating with cross-functional teams to ensure uninterrupted **web scraping and data pipeline operations**.
- Designed, developed, and maintained **web crawlers** for new websites, adapting scraping logic to diverse site structures to expand data coverage and improve market intelligence.
- Automated operational workflows including **email notifications, field updates, and task assignments**, improving process efficiency and reliability.
- Utilized **Python and Django** to develop and maintain **backend applications and services**.
- Analysed **debug logs and runtime errors** to identify root causes and implement long-term fixes.
- Used tools such as **PyCharm, Jira, PuTTY, and WinSCP** for development, debugging, and Linux server operations.
- Provided **technical guidance and code reviews** to team members, promoting best practices in web scraping and backend development

### Education:

JSPM's Imperial College of Engineering & Research

Bachelor of Engineering (Computer Science and Engineering)

06/2015 - 06/2021

(7.08 CGPA)

### Declaration:

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

**Mahesh Mokashe**

**Place: Pune**