Ashutosh Aagawane

Senior Python Developer | Web Scraping Expert | Web Application Development (Python) | API Development & Integration | Product Development | Automation | AWS | ETL | Data Pipeline | Data Monitoring

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EXPERIENCE

Aithon Solutions, Mumbai — *Python Developer* (*Senior Analyst)*

Sep 2025 - Present

➔ **Senior Python Developer Profile :**

Experienced Senior Python Developer with 6+ years of hands-on expertise in designing, developing, and maintaining scalable backend systems and RESTful APIs. Proven success in delivering end-to-end Python projects from conception to deployment, leveraging modern frameworks and database technologies. Skilled in optimizing performance, implementing secure architectures, and collaborating across teams to deliver reliable, high-quality solutions. Adept at conducting code reviews, mentoring junior developers, and establishing best practices for clean, maintainable, and efficient codebases.

Auxilo Finserve Pvt Ltd, Mumbai — *Senior Python Developer* (*Deputy Manager)*

July 2022 - Sep 2025

➔ **Data-Driven Decision Platform Development :**

Developed a robust in-house platform featuring a dynamic product and university database using Python web scraping, earning the Best Future Catalyst Award for automating STP pipelines and streamlining sales, product, and credit functions.

➔ **Seamless Integration through RESTful APIs :**

Designed and maintained RESTful APIs to ensure smooth integration with external systems, enhancing the overall functionality of the platform.

➔ **CREDAUX Dashboard & BI Reports :**

Developed a user-friendly dashboard, "CREDAUX," using the Dash library to address university rankings and pay-scale salary inquiries, and to automate large-scale report generation.

➔ **Decision-Making with OCR-Powered PDF Scraping :**

AWARDS & ACHIEVEMENTS

Best Future Catalyst Award, 2023 at Auxilo Finserv

"A key contributor played a significant role in developing the product and university databases based on external sources of data. Also helped in streamlining the quarterly refresh of data, leading to the development of Product and Credit STP pipelines that had a direct impact on Sales, Product, and Credit functional areas. The entire platform was built in-house, offering significant opportunities for further streamlining these functional areas moving forward."

SKILLS & TECHNOLOGIES

Languages – Python, R Language

Web Technologies – HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, WordPress

Databases – PostgreSQL, MySQL, MongoDB

Tools and Framework – AWS (S3, Glue, Lambda, Redshift, EMR, QuickSight, Athena, SageMaker, RDS), Git, Docker, Selenium, Beautiful Soup, Spark

Basic Knowledge – Photoshop, Illustrator, Premiere Pro, Android, MS Office

Employed OCR technology, utilizing Python OCR libraries, to extract valuable insights from multiple PDFs during case login. This initiative significantly supported the product team in making informed year-wise decisions, particularly in assessing cost of living and university expenses.

➔ **Proactive Anomaly Detection with Python Automation** :
Engineered and executed anomaly detection techniques using Python automation scripts, detecting irregularities in data. Implemented a system that not only identifies anomalies but also sends email alerts to all stakeholders on working days, ensuring timely responses and resolutions.

➔ **Enhanced Efficiency through Automated Solutions** :
Successfully implemented automation solutions aimed at streamlining repetitive tasks, significantly improving overall efficiency. Additionally, adept at handling ad-hoc tasks, such as debugging scripts and rewriting Excel automation to ensure optimal performance.

➔ **In-House Web Application for Interactive Dashboards**
Developed an in-house web application using Flask and React JS, enabling interactive dashboards and real-time data insights to support informed decision-making.

➔ **Cloud Data Pipeline & Monitoring:**
Designed and implemented an end-to-end data processing workflow on AWS Cloud, leveraging AWS Glue for ETL scripting and job orchestration, Athena for on-demand querying and data extraction from S3, and CloudWatch for real-time monitoring and alert management.

➔ **Mentorship and Skill Development** :
Actively involved in mentoring interns and junior team members, providing hands-on support, and strategically assigning tasks to cultivate a collaborative learning environment. Dedicated to fostering skill development and nurturing the professional growth of team members within the organization.

Eclerx Services Ltd, Mumbai — *Data Analyst*
July 2021 - July 2022

➔ **Web Handling and Data Crawling** :
Managed websites and performed data crawling using proxy servers.

➔ **Test Automation with Python Selenium** :

Developed Python Selenium WebDriver scripts for efficient web scraping within a test automation framework.

➔ **Client Communication and Coordination** :

Coordinated project requirements with clients via email, ensuring effective communication.

➔ **Data Extraction and Manipulation** :

Utilized Pandas, NumPy, lxml, and Beautiful Soup modules for seamless data extraction and manipulation.

➔ **Excel Proficiency for Data Organization** :

Proficient in extracting and organizing data using Excel.

➔ **Gaming Domain Expertise** :

Scraped data from 600+ gaming websites for price tracking analytics.

Vikrant Speciality Services Pvt Ltd, Mumbai — *Jr Officer - (Projects)*

February 2021 - July 2021

➔ **Project Lifecycle Management:**

Handled end-to-end project processes, including requirements gathering, system analysis, development, testing, and deployment.

➔ **Source Control with Git:**

Utilized Git for efficient source control management.

➔ **Web Application Development with Django:**

Created web applications in Python using Django, integrating third-party APIs.

➔ **Desktop Application Development:**

Built desktop applications using Python.

➔ **Client Email Coordination:**

Managed effective communication with clients through email.

➔ **India Post Website Scraping:**

Scraped India Post website for in-house letter tracking, enhancing efficiency in our printing house.

Mosaik Risk Solutions, Mumbai — *Associate Software Engineer*

January 2020 - June 2020

➔ **Datahub Projects Maintenance & Development**:

Contributed to the maintenance and development of Datahub projects, specializing in data gathering, cleaning, transformation, and ETL

processes.

→ <u>**Python Analytics Encoding**</u>:

Utilized Python libraries for discrete business-relevant analytics encoding.

→ <u>**Web Scraping Expertise**</u>:

Executed web scraping tasks using Python libraries, including Requests, Selenium, and Scrapy.