Shivam Maheshwari

Noida, Uttar Pradesh

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SUMMARY

Experienced Python backend developer skilled in web scraping (BeautifulSoup, Requests, Scrapy, Selenium), web frameworks (Flask, FastAPI, Django), and databases (SQL, MongoDB). Proven track record in optimizing data retrieval, building efficient APIs, and automating tasks. Strong problem-solving and deployment skills on AWS.

EDUCATION

IPS College Of Technology and Management, Gwalior (M.P.)   Aug'2018 - June'2022
B.Tech. — Computer Science

Simpkins Public School, Gwalior (M.P.)   July'2017 - July'2018
Higher Secondary — Science-Stream

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, JavaScript, CSS
Skills/Frameworks: DSA, OOP's, Scrapy, Flask, Django, DRF, Rest API, Bootstrap, SQLAlchemy, Bash Script
Softwares: Git, AWS, Docker, MySQL, MongoDB, Redis, MSSQL, Jira, VS Code, Jupyter Notebook, VNC
OS: Ubuntu, Windows

EXPERIENCE

Python Developer (Software Developer) — Manupatra, Noida   **Sept'2024 - Present**
(Python, Web Crawling, Selenium, Flask, Django, SQL, MongoDB)

- Upgraded previous crawling scripts to use Requests and Scrapy for improved speed, efficiency, and data cleaning formatting and transformation.

- Developed captcha models to detect and solve captchas, improving data crawling efficiency using Keras, OpenCV and Tesseract.

- Built APIs with Flask to provide extracted data preprocess, and store case data in MSSQL, with automated email notifications for updates to user.

Python & Django Developer — BytesView Analytics, Noida   **June'2022 - Aug'2024**
(Python, Scrapy, Web Crawling, Django, DRF, Celery Beat & BootsTrap)

- Updated the Scrapy project (NewsDataFeeds) to use fast crawling techniques, boosting data retrieval speed by 60% and data cleaning formatting & transformation.

- Developed Python scripts to automate daily tasks, saving 16 hours per week with customizable functionality using Selenium.

- Revamped the Django dashboard, streamlining functions and improving loading speed, reducing user issues by 25% and boosting satisfaction.

- Implemented a project to record operations performed on the Django dashboard, generating SQL query files for efficient tracking and audit purposes

INTERNSHIP

Intern Web Developer | SNS System, Gwalior(M.P.)   Nov'2021 - May'2022
(HTML, CSS, SCSS, JS, jQuery, Bootstrap)

- Collaborated closely with a Senior Developer to design and implement a high-converting landing page; resulted in a 25% increase in user engagement and contributed to an overall boost in lead generation by 15%

- Implemented several pages for an existing restaurant website, enhancing user experience and functionality using HTML, CSS, and JavaScript.

Intern Django Developer | Numeric Infosystems, Gwalior (MP)   Nov 2021 - May 2022
(Python, Django, SQL, HTML, CSS, JavaScript, Bootstrap)

- Created a user-friendly interface for a streaming platform using Django, SQL, HTML, CSS, and JavaScript, boosting user engagement by 40% and reducing load times to under 2 seconds.

- Developed a Material Management Website with a dynamic dashboard for inventory tracking and manipulation, utilizing Python, Django, SQL, HTML, CSS, and JavaScript for seamless stock management and real-time updates.

PROJECTS

Food Menu Website   Nov'2023 - Apr'2024

- Developed a Django-based application that allows users and restaurants to register and manage their menus. Designed and implemented a secure user authentication system for a custom dashboard, allowing restaurant owners to manage offerings effortlessly; resulting in a smoother onboarding process for 25+ new clients.

Video Streaming Website   Dec'2022 - June'2023

- Video Stream is an online video streaming platform of TV content and movies across 9 languages, and every major sport covered live and many more.

Material Management Website   Sept'2021 - Jun'2022

- Managed material inventory across stores, factory, and organizations, while also handling customer billing and invoicing.