Md Azmattullah

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OBJECTIVE

Highly skilled and dedicated Python Developer with extensive experience in developing and maintaining web applications, automating complex processes, and optimizing performance. Proven track record of implementing efficient solutions for large-scale projects, enhancing operational efficiency, and delivering high-quality results. Seeking a challenging role to leverage my technical expertise and contribute to innovative projects in a dynamic and growth-oriented organization.

EDUCATION

BTech (Computer Science & Engineering) — Aug 2019 – Jul 2023
R.V.S. College of Engineering & Technology — Jamshedpur, Jharkhand

SKILLS

Programming language	Python, PHP
Database	MySQL, SQLite, MariaDB
Framework	Django, Flask
Libraries	Pandas, NumPy, jQuery, Ajax
Operating System	Ubuntu, Microsoft Windows
Tools	Postman, Git, MS-Excel

PROFESSIONAL EXPERIENCE

Python Developer — Feb 2023 – Present
Codezin Technology Solution Pvt. Ltd — Kolkata, West Bengal

- Implemented automation solutions for bulk electricity bill payments (Bill Pro project), reducing manual effort and errors by processing up to 50,000 bills in a single iteration.
- Utilized web scraping techniques to extract and download electricity bills from various electricity distribution company (DISCOM) websites, enhancing data collection efficiency.
- Developed a web application (Citadel project) to automate issue resolution for over 10,000 cellphone towers, reducing workforce requirements from 80+ employees to just 6.
- Led the implementation of ETL processes to manage data extraction, transformation, and loading into the database for analysis and reporting purposes.
- Generated daily reports with detailed analysis of cellphone tower issues by location, enabling proactive maintenance strategies and improving operational efficiency.

Python Developer Intern — Mar 2022 – Aug 2022
ORAZO (Aslan and Simba Technologies) — Bengaluru, Karnataka

- Developed and maintained a dynamic eCommerce application using Django, implementing features such as user authentication, product category, shopping cart.
- Optimized database queries and improved application performance, resulting in a 25% reduction in page load times and enhanced user experience.
- Collaborated with cross-functional teams to design and deploy new features, ensuring seamless integration with existing systems and adherence to best practices.
- Implemented automated testing and continuous integration processes to ensure code quality and facilitate rapid deployment of updates and new features.

PROJECTS

CITADEL - (Web Application for Cellphone Tower Issue Management)   Aug 2023 – Present

Project Overview: Developed a web application (Citadel) to streamline the management of cellphone tower issues for a client with 22,000+ towers across India, reducing manual effort and improving efficiency.

Responsibilities:
- Scraped data from various telecom operator portals to fetch cellphone tower issue information, including site down, mains failure, battery backup, high temperature, fire, and smoke alerts.
- Performed Extract, Transform, Load (ETL) processes to extract, clean, and load data into the database for centralized management.
- Designed the web application interface to display categorized issues by state and district, enabling easy identification and prioritization.
- Implemented automated notifications to alert technicians of issues and escalated unresolved issues through Robo-calls to the technician.
- Generated automated daily reports with detailed analysis of issues per area, state, and district.

Achievements/Results:
- Streamlined issue management for 22,000+ cellphone towers, reducing manual effort and response time significantly.
- Automated issue resolution reduced the workforce required from over 80+ employees to only 6, improving operational efficiency.
- Generated daily reports with detailed analysis of issues by location, aiding in proactive maintenance and problem-solving.

Tool Used: Python, Beautiful Soup, Request Module, Pandas, NumPy, My SQL, HTML, CSS, Bootstrap 5, JavaScript, flask, Django.

BILL PRO – (Automated Electricity Bill Payment System)   Feb 2023 – July 2023

Project Overview: Developed an automated system (Bill Pro) to streamline bulk electricity bill payments for clients, simplifying the payment process significantly.

Responsibilities:
- Extracted and downloaded electricity bills from various electricity distribution company (DISCOM) websites using web scraping techniques.
- Utilized PDF parsing methods to extract relevant data from bill PDFs, such as billing details, amounts, and due dates.
- Loaded extracted data into the database for further processing and payment scheduling.

Achievements/Results:
- Automated the payment of up to 50,000 electricity bills in a single iteration, reducing manual effort and errors.
- Improved efficiency by automating bill extraction and data parsing, saving substantial time and resources.
- Enhanced client satisfaction by providing a user-friendly platform for easy electricity bill payments.

Tool Used: Python, PHP, Beautiful Soup, Request Module, Setup PDF, PyPDF2, My SQL, HTML, CSS, Bootstrap 5, JavaScript.