Disha Shaktawat

Python Developer

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Professional Summary:

- Python Developer with ~**3 years of experience** in backend web development, specializing in **Django**, **Flask**, and **RESTful APIs.**
- Proficient in **React.js** for UI component integration and **MySQL, Elasticsearch, AWS Athena** for optimizing query performance and managing large datasets.
- Hands-on experience with **AWS Lambda, S3, Glue Crawlers,** and **Athena** to automate processes and scale data pipelines.
- Skilled in **DB optimization (indexing, query tuning)** and troubleshooting backend issues to improve API response times and system performance.
- Experience in developing automation scripts for trading data pipelines, enhancing decision-making and operational efficiency.
- Familiar with **AWS Lex** and **Bedrock** for chatbot development.

Professional Experience:

Python Backend Developer

NeoSOFT Technologies, Ahmedabad.
Aug 2024 - Present

- Developed application logic and server-side processing using **Django**.
- Created responsive, user-friendly interfaces with **HTML**, **CSS**, and **Bootstrap**.
- Implemented advanced image processing using **OpenCV** and **Pillow**.
- Utilized **NumPy** and **Pandas** for data manipulation, enhancing application accuracy.

Project: Yellowpop (Django)
- Built a system for converting user-input images into neon LED renders.
- Calculated pricing and estimated raw materials for designs using advanced image processing.
- Designed responsive frontend with **HTML**, **CSS**, and **Bootstrap**.
- HTML and CSS for frontend design. Bootstrap for responsive and mobile-friendly interfaces

Python Backend Developer
Peerbits Solutions, Ahmedabad.
Feb 2022 – Aug 2024

Project: Mitsui Chemicals (*Flask & React***)**
- Developed **RESTful APIs** for customer registration, pricing, and order processing.
- Integrated **Elasticsearch** for scalable search across large datasets.
- Optimized **MySQL** performance with indexing, query tuning, and schema redesign.
- Built multi-level approval workflows for sales orders (Manager → Dept. Manager → Finance).

Project: Gems Forex – Python (Automation Scripts) – *Python, AWS, MetaTrader4*
- Developed and deployed Python scripts on **AWS Lambda** for automation of log retrieval and storage in **S3**.
- Set up **cron jobs** for efficient data collection from **EC2** instances.
- Utilized **AWS Glue Crawlers** for data cataloging and **Athena** for advanced analytics.
- Automated data storage and analysis, providing actionable insights to optimize system performance.

Project: SDR (Service Disruption Recovery) **(***Django & React***)**
- Built and maintained **Django APIs** for flight and passenger data management.
- Integrated **React.js** with backend APIs to develop UI components.
- Optimized database queries and troubleshot performance issues to ensure efficient service delivery.

Technical Skills:

- **Programming Languages:** Python, C++, HTML, CSS
- **Frameworks & Libraries:** Django, Flask, DRF, React.js, Pandas, NumPy, Celery, OpenCV, Pillow, Requests
- **Databases & Cloud :** PostgreSQL, MySQL, MongoDB, Elasticsearch, AWS (Lambda, S3, Glue, Athena), MetaTrader4
- **DevOps & Tools:** Docker, Kubernetes, RabbitMQ, Redis, Git, Postman, Swagger
- **Machine Learning:** Linear Regression, K-Nearest Neighbor, Decision Tree
- **Others:** Cron Jobs, CI/CD, RESTful Web Services, Web Scraping, Automation Scripts

Education:

- **Bachelor's in computer science engineering** - 72%, RTU University, 2021.
- **H.S.C-** CBSE**,** 76%, 2016.

Declaration:

I hereby declare that the above furnished information is true to the best of my knowledge and belief.

Disha Shaktawat
Place: Ahmedabad, Gujarat, India.