Sainath

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Summary

Experienced Python Developer with over **6 years** of expertise in designing and developing scalable web applications using **Python**, **Django**, **Flask**, and **React.js**. Proven ability in building RESTful APIs, managing cloud deployments on **AWS**, and implementing robust ETL pipelines. Strong hands-on experience with **SQL**, **PostgreSQL**, **MongoDB**, and **CI/CD pipelines**. Currently on **OPT** and open to Python/React-based opportunities.

Education

Masters in Information Systems	**August 2023 - Dec 2024**
Wilmington University, New Castle, DE	*GPA: 3.8/4*
Bachelors of Technology in Information Technology	**September 2017 - May 2021**
Bharat Institute of Engineering and Tech, Hyderabad, Telangana	*GPA: 3/4*

Experience

Experian -Remote | *Python Developer*   **October 2024 - Present**

- Built and maintained scalable REST APIs using Django and Django REST Framework for fintech applications.
- Integrated React.js frontend with backend APIs, ensuring seamless user experience across modules.
- Created automation scripts to streamline repetitive tasks, increasing operational efficiency by 35%.
- Migrated legacy Flask services to Django, improving performance by 30%.
- Implemented AWS services (S3, EC2, RDS) to host and scale applications.
- Wrote ETL scripts to process 10M+ records/month using Pandas and SQL Alchemy.
- Designed ETL pipelines using Apache Airflow to automate backend data processing and reporting tasks.
- Worked with product and QA teams in Agile sprints to meet delivery timelines.
- Built and scheduled ETL pipeline using Apache Airflow to automate extraction from REST APIs, transformation in Pandas, and storage in PostgreSQL.

Ford -Michigan | *Software Engineer*   **Sep 2023- Sep 2024**

- Developed full-stack web apps using React.js (hooks, Redux, TypeScript, Tailwind CSS) and Flask APIs.
- Integrated React.js (TypeScript) frontend with backend APIs, ensuring seamless user experience across modules.
- Optimized database queries and reduced page load time by 45%.
- Implemented JWT-based user authentication and role-based access control.
- Architected Dockerized environments and managed CI/CD workflows using GitHub Actions.

Multiplier Solutions, India | *Software Application Developer*   **Oct 2021- June 2023**

- Collaborated with top healthcare companies to gather data on over 70,000 doctors from various web sources, resulting in a 30% improvement in data acquisition efficiency.
- Led the development of a platform for data extraction, processing, manipulation, and organization, reducing data processing time by 40%.
- Created automation scripts to streamline repetitive tasks, increasing operational efficiency by 35%.
- Planned and Programmed analytics dashboards using Python, Highcharts.js, Power BI, and Microsoft Excel to present key insights and trends.
- Developed a chatbot using Dialog flow to provide automated responses and assistance to users.
- Created data cleaning scripts in Python to clean and organize raw data extracted from the web.
- Built multiple dashboards in Looker Studio to effectively visualize and present datasets.

ESK Technologies, India | *Software Developer*   **Sep 2019- June 2021**

- Deliver backend software solutions that yield excellent scalability and reliability.
- Collaborate with front end engineers, product managers and other engineers
- Engineered and Implemented the UI of the website using HTML, AJAX, CSS and JavaScript.
- Worked on AJAX framework to transform Datasets and Data tables into HTTP-serializable JSON strings.
- Executed Django evolution alongside manual SQL Modifications to seamlessly adjust database models, ensuring 100% data retention and uninterrupted site functionality while operating in production mode without any downtime.

Technical Skills

Languages: JavaScript, HTML5, CSS3, Bootstrap, jQuery, Python, TypeScript
Frameworks: React, Flask, Django, Node JS, Tailwind CSS, Material UI
Databases: MySQL, MongoDB
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS, CloudWatch, AWS Lambda, IAM), GitHub Actions, Heroku
Tools: Git, Npm
Others: Data structures and Algorithms, Python, Flask, Object oriented design, Debugging, Rest APIs, AJAX, DOM, JSON, Postman, Apache Airflow, Celery