Satyam Kaushik

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WORK EXPERIENCE

Software Engineer (MediaRadar)   **Pune   Feb' 23 - Present**

- Developed a scalable, high availability Creative Search web application that handled **3000+** concurrent users.
- Worked on seamless integration of Elasticsearch search engine and leveraging LLM capabilities effectively.
- Built a Microservice from scratch which was responsible for ingesting Data in Elasticsearch from CSV files.
- Developed REST APIs and Data Ingestion pipelines and implemented authentication protocols using AWS Cognito and OAuth.
- Improved platform performance by **50%** through Sharding of Solr collection and query optimisations.
- Developed robust and scalable applications using core Java and Spring Boot. Collaborated closely with the Analytics Backend team to streamline data flow through Druid and Spark

Software Engineer (Urjanet)   **Chennai   July' 22 - Feb' 23**

- Developed a Utility Data platform that facilitates the processing of utility bill invoices, helping expense management and accounting departments streamline utility processing.
- Actively created, repaired and documented extraction and navigation templates using Java and proprietary tools, driving a significant **25%** enhancement in data processing efficiency.
- Developed Java Templates to extract data from Utility Bills from **9000+** providers across the world.
- Created a tracker that found duplicate failures and generated reports decreasing the time needed to analyze failures by **80%** using Python.

Software Engineer Intern (Urjanet)   **Chennai   Oct' 21 - July' 22**

- Optimized existing code and refactored legacy systems, resulting in increased efficiency and performance.
- Debugged platform code, identified root causes and proposed solutions to software issues.

SKILLS

- **Languages/Frameworks -** Java, Spring, React, Javascript, C#, Python, Hibernate, Microservices
- **Databases -** MySQL, Elasticsearch, Apache Solr, PostgreSQL, MongoDB, Redis
- **Cloud and Tools -** AWS, Docker, Kubernetes, Kafka, Kibana, Grafana, Git, Shell

PROJECTS

CRM - Customer Management

Built a CRM application using Java, Spring, and Hibernate for managing customer data and user authentication based on roles. Developed a responsive front-end with HTML, CSS, and JavaScript. Integrated real-time analytics and reporting features.

Solr Management Tool

Developed an Application using Java, Spring Batch, Hibernate, SolrJ for managing Solr clusters. Implemented functionalities for managing collections, taking backup and restore and ingesting/updating data from Oracle db to Solr Instances.

EDUCATION

Jabalpur Engineering College, Jabalpur   2018 - 2022
Bachelor of Technology, Mechanical Engineering   8.0/10