

SURYA SINGH

www.surya-singh.com | surya.singhp59@gmail.com | [LinkedIn](#) | US Citizen | (626) 554-1840 | Los Angeles, CA

SENIOR ASSOCIATE SOFTWARE ENGINEER

Software Engineer with 3+ years of experience specializing in ETL development, data engineering, and business intelligence. Adept at automating processes and creating data-driven solutions that enhance business decision-making and operational efficiency.

PROFESSIONAL EXPERIENCE

INFOSYS - Data Engineer

January 2022 - Present

- Engineered and deployed Spotfire dashboards integrating SQL, Oracle, and Redshift data sources, delivering critical business insights to 10,000+ daily users across multiple departments, resulting in a 30% increase in data-driven decision making.
- Streamlined TIBCO Spotfire environment management by optimizing server settings, managing user access, and enhancing system performance, achieving 99.9% uptime and increasing user satisfaction scores by 15%.
- Migrated 500+ reports from legacy systems to Spotfire, leveraging custom Python workflows and REST automation, resulting in significant cost savings and centralized reporting.
- Managed Spotfire and OBIEE maintenance and upgrades, collaborating with vendors to align software capabilities with business needs, resulting in seamless transitions and zero downtime during updates.
- Deployed Spotfire on AWS Cloud, reducing data retrieval times by 25% and establishing benchmarks that improved system scalability and performance in future implementations.
- Engineered a discrepancy detection dashboard using IronPython and R, facilitating real-time data validation during a critical data warehouse migration and improving data discrepancy checks by 35%.
- Implemented automated monitoring and alerting systems using PowerShell and Bash across 50+ Windows and Linux servers, increasing operational efficiency by 40% and reducing downtime incidents by 15%.
- Developed and deployed SQL-based custom APIs for Spotfire, enabling immediate dashboard caching post-data load and improving data access speed by 20%.

INFOSYS - ETL Developer

April 2021 - December 2021

- Built and optimized ETL pipelines using Oracle Data Integrator, enhancing data integration accuracy by 25% and streamlining data flow between multiple sources.
- Enhanced data retrieval speed by 16x by developing Python scripts to analyze query performance and eliminate bottlenecks, resulting in a substantial boost in overall system efficiency and responsiveness.

SKILLS

Administration: Spotfire, OBIEE, SQL Server

Automation & Scripting: Bash, PowerShell, IronPython, R Script

Cloud & DevOps: AWS, Docker

Data Visualization & Analysis: Spotfire, Power BI, OBIEE

Database Management: SQL, Oracle, Redshift, Hive

Programming: Python, Java, C, C++, C#, Javascript, Node.js, Full Stack Development, API

Project Management & Collaboration: JIRA, Team Lead, Client Relationship Management, Github

Web Development: Angular, React, HTML, Spring Boot

Others: Critical Thinking, Problem Solving, Quick Thinking, Teamwork, Application Administration

EDUCATION

Bachelor of Science, Computer Science *March 2021*

UNIVERSITY OF CALIFORNIA, Riverside

Riverside, CA

AWARDS

Infosys Rising Star Award April 2024 -

Recognized for leading a complex data migration project that resulted in a 20% cost reduction

Infosys Rising Star Award October 2023 -

Honored for exceptional client relationship management during a high-stakes project