

Irfan Irshad

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Software Engineer with 3+ years of experience delivering backend development, scalable architecture, and cloud-native solutions. Skilled in distributed systems and AWS, with a focus on designing efficient APIs, data pipelines and microservices.

PROFESSIONAL EXPERIENCE

INFOR

Hyderabad, TG

Software Engineer

August 2023–Present



- Core member of the Data Mesh platform, managing data migrations of over 50TB/day.
- **RingMaster:** A 5-stage pipeline orchestrator processing 1,000+ concurrent jobs, built with Node.js, Python and Kafka. Deployed on AWS EKS with Spark clusters, achieving a 60% increase in throughput.
- **MeshFlow:** Developed an in-house automation platform with 200+ components, streamlining long-running jobs with version history, failure handling, and real-time email notifications. Built with Python and Kafka, it drives efficiency across our data mesh platform.
- Mentored, Reviewed code with junior engineer to optimize ETL tools, addressed SonarCloud issues and ensured coding standards compliance were met.

SNE REALTY

Chennai, TN

Associate Software Engineer

May 2021–June 2023

- Integrated Kafka with Nodejs for real-time data synchronization, ensuring seamless property listing updates and reducing latency.
- Automated data retrieval from online platforms using web scraping , increased lead generation by 50% and reducing manual effort. See more 
- Developed an Agent Management System using Django, streamlining the management of agent assignments, commissions and performance metrics. See more 

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

Allahabad, UP

Bachelor of Technology in Electronics and Communication Engineering

August 2018

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

Allahabad, UP

Master of Technology in Bio Medical Engineering

August 2020

SKILLS

- **Programming:** Python, Javascript, PySpark, SQL, C++, Bash , MongoDB
- **Libraries/Frameworks:** Flask, Django, Node.js, Redis, Selenium, PySpark
- **Tools:** Kafka, Docker, AWS, Kubernetes, GitLab, SonarCloud
- **Coursework:** Algorithms, Data Structures, Operating Systems, OOP, LLD, System Design, Networks

MISC

- **Catalyst, IIT** Recieved 10,000\$ Grant Prototype Funding in 2020
- **NewGen IEDC, IIIT** Recieved 2,500\$ Grant Pre-Seed Funding in 2019