

IRFAN IRSHAD

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OBJECTIVE

Software Engineer with 5+ years in backend development and system architecture, specializing in scalable, high-performance solutions. Seeking to lead technical strategy and shape product architecture.

EDUCATION

Master of Applied Science , IIIT 2018 - 2020

Relevant Coursework: Distributed Systems

Bachelor of Electronics and Communications , IIIT 2014 - 2018

Relevant Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Networking

Higher Secondary School, Internation Indian School 2012 - 2014

SKILLS

Technical Skills	Python, Flask, Node.js, AWS (EC2, S3), Kafka, MongoDB
Soft Skills	Collaboration, Problem-Solving, Leadership, Communication, Critical Thinking
Tools	GitLab, Docker, Kubernetes, SonarCloud, Jenkins, Grafana, Postman , ELK

EXPERIENCE

Software Engineer Infor	Aug 2023 - Current <i>Hyderabad, Telangana</i>
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- Achieved 60% growth in pipeline throughput by developing **RingMaster**, a 5-stage pipeline orchestrator built with Node.js, Python, and Kafka, deployed on AWS EKS with Spark clusters.
- Led the development of **MeshFlow**, an automation platform with 200+ components, optimizing long-running jobs with failure handling, versioning and real-time status notification emails.
- **Mentored, Reviewed code** with juniors to optimize ETL tools, addressed SonarCloud issues and ensured coding standards compliance were met.

Software Engineer SNE Realty	May 2020 – June 2023 <i>Chennai, Tamil Nadu</i>
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- Integrated Kafka with Node.js for **real-time property listing** synchronization, reducing latency and enhancing user experience.
- Developed an **Agent Management System** using Django, enabling efficient agent tracking, commission calculations, and performance metrics reporting.
- Boosted lead generation by 50% through web scraping and **data mastering techniques** to ensure data accuracy.

Software Engineer Intern Al Watad Medical	Sep 2019 - March 2020 <i>Jeddah, Saudi Arabia</i>
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- Achieved **40% growth** in inventory tracking efficiency by developing a stock management system with Python and Flask.
- Assisted a data migration project involving the transition of **1TB+ legacy medical data** to a modern event-driven architecture using Python, Apache Kafka, and PostgreSQL, ensuring zero data loss.
- Automated **schema validation** for Kafka topics, ensuring compatibility across systems and eliminating 90% of data format-related failures.

PORTFOLIO

Github: github.com/irfanirshad/