IRFAN IRSHAD

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OBJECTIVE

Software Engineer with 4+ years in backend development and system architecture, specializing in scalable, high-performance solutions. Seeking to lead technical strategy and shape product architecture.

EDUCATION

Bachelor of Electronics and Communications , IIIT — 2014 - 2018
Relevant Coursework: Data Structures and Algorithms, Operating Systems, DBMS, Networking.

Master of Applied Science, IIIT — 2018 - 2020

Higher Secondary School, Indian School, Jeddah — 2012 - 2014

SKILLS

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

EXPERIENCE

Software Engineer — Aug 2023 - Current
Infor — *Hyderabad, Telangana*

- 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 — May 2021 – June 2023
SNE Realty — *Chennai, Tamil Nadu*

- 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 — Sep 2020 - March 2021
Al Watad Medical — *Jeddah, Saudi Arabia*

- 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/