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EXPERIENCE

- **Majid Al Futtaim** — Dubai, UAE
  Data Engineer, Lead Data Engineer, Engineering Manager — *Jun 2019 - Present*

  - **Audience Segmentation for Marketing**: Led a team of 9 to create an audience segmentation tool (faster, cleaner and purpose built) similar to Salesforce Marketing Cloud. It worked on a customer base of 24M and 1000+ attributes to craft a micro-segmented audience in less than 10s.
  - **GRID - MAF's Central Data Infrastructure**: Created inhouse data framework (based on Airflow, Argo, Spark, Confluent) to orchestrate data pipelines for ingestion, warehousing, observability and analytics. Scaled a team of 5 to 30 data engineers and operators to maintain, run and improve centralized data infrastructure for global MAF businesses. Data Security and Governance were key tenets on which team worked.

- **Mu Sigma Inc** — Bangalore, India
  Decision Scientist, Apprentice Leader — *May 2015 - Jun 2019*

  - **Stabilizing Legacy ETL Framework**: Built configuration based framework for Informatica BDM to run legacy ETL tasks. Enabled 140+ data operations from 15 varied data sources to enable BI and analytics use cases
  - **Infrastructure and backend for Employee Application**: Designed and build REST API backend (and AWS infrastructure) with sub-second response time for employee application powering 45K users
  - **Infrastructure for Retail Pricing and Inventory Application**: Infrastructure setup and On-premise continuous integration and deployment approach for an application involving pricing and range simulations
  - **Optimize Recommender for Airline Upselling**: 30% lift in yearly revenue by reverse engineering performance of real-time recommendations (based on Oracle RTD) used for airlines check-in process

- **Autoninja** — Bangalore, India
  TechOps Engineer (Intern) — *Jan 2015 - Jun 2015*

  - **TechOps Intern**: Early stage startup. Bridge between technical and operational team to prioritize requirements. Involved in Pre-sales and technical product grooming

EDUCATION

- **PES Institute of Technology** — Bangalore, India
  Bachelor of Engineering Electrical and Electronics; GPA: 8.56 (of 10) — *Jul 2011 – June 2015*

SKILLS

- **Domains**: Data Engineering, Big Data Analytics, Agile Project Management, Master Data Management, Data Governance, Machine Learning, Software Development Lifecycle, DevOps
- **Languages**: Shell (bash), Python, SQL, Golang (learning), Scala, LaTeX
- **Data**: Postgres, SQLite, Vertica, Kafka, Presto, Athena, MS SQL, Informatica Big Data Management, Informatica Master Data Management, Hadoop HDFS, Redis, ElasticSearch
- **Infrastructure**: Linux - Ubuntu, Centos, RHEL, Cloud - AWS, GCP, Confluent Platform
- **Tools and Framework**: Git, Airflow, Spark, Docker, Nginx, Jenkins, Terraform, Jira, Confluence