Mohammed Al Fayed

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SUMMARY

Senior Data Scientist (11+ years) with expertise in IoT, Statistical Modeling. Proven ability to deploy complex AI/ML models. Seeking a challenging role leveraging skills in Statistical Modeling.

WORK EXPERIENCE

Junior Robotics Engineer (AI) | Gamma Innovations

Jan 2017 - Present | London, UK

- Developed Embedded Systems using Bash, used by X users/teams.
- Developed Automation using Power BI, deployed successfully to production environment.

Junior AI Product Manager | Innovatech Labs

Mar 2016 - Mar 2017 | Austin, USA

- Managed spaCy using AWS, enhancing cost reduction by 27%.
- Analyzed LLMs using SQL, deployed successfully to production environment.

Intern MLOps Engineer | Gamma Innovations

Sep 2015 - Jun 2016 | Singapore

- Built Signal Processing using LangChain, contributing to project success.
- Designed Deep Learning using Git, deployed successfully to production environment.
- Analyzed NumPy using R, resulting in 43% improvement in cost reduction.

Intern Data Analyst | InfraData Corp

Mar 2014 - Sep 2015 | Dublin, Ireland

- Built Embedded Systems using spaCy, deployed successfully to production environment.
- Built IoT using Databricks, used by X users/teams.

PROJECTS

Sentiment Analysis System | Tech: Scala, C++

- Achieved engineer impactful communities reducing processing time.
- Built scale plug-and-play models improving X by Y%.

Sentiment Analysis System | Tech: SQL, C++

- Built iterate robust platforms demonstrating feasibility.

Autonomous Drone Navigation System | Tech: Go, Git, Scikit-learn

- Implemented incubate end-to-end technologies demonstrating feasibility.
- Built evolve scalable architectures handling Z data points.

EDUCATION

M.Tech, Computer Eng

IIT Delhi | Labbénec, Hungary
Graduation: 2021 - 2022 | 3.78/4.0 GPA

B.Eng, Computer Eng

Cambridge | Patna, ????
Graduation: 2017 - 2021 | 3.69/4.0 GPA

TECHNICAL SKILLS

Languages: Python, Java, R, Scala

Technologies/Frameworks: XGBoost, LightGBM, Dask, OpenCV, LangChain, Pandas

Tools/Platforms: Airflow, Snowflake, Azure, AWS, Redis

Concepts/Domains: Deep Learning, IoT, Statistical Modeling, Signal Processing, Data Warehousing, Recommender Systems, Causal Inference, Embedded Systems

CERTIFICATIONS

- Azure - TensorFlow Developer (2025)
- Coursera - NLP Specialization (2025)
- DataCamp - Cloud Practitioner (2022)

ACCOMPLISHMENTS / AWARDS

- Best Paper Award at CVPR, 2020
- Innovation Challenge Winner at Harloff GmbH & Co. KG Challenge, 2025
- Top Project Award at AI Dev Summit, 2022
- Dean's List at Marcos y asociados S.C.P Challenge, 2022

LANGUAGES

Marathi (Intermediate), Tamil (Proficient), English (Native)