SUSHIL NINAWE

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SUMMARY

Military veteran with 10 years of experience in defence technology, specializing in weapon systems and infrastructure. Now leveraging AI/ML expertise in fraud detection, developing anomaly detection models, optimizing ETL pipelines, and deploying GenAI solutions to mitigate risk, and drive operational efficiency in finance domain.

EDUCATION

- Certificate Program in Business Management - NITIE (IIM Mumbai) *2021-22*
- B. Tech Computer Science abd Engineering - GCOEA *2008-12*

SKILLS

- Machine Learning - Python/ Pyspark / Hive SQL/ Dataiku
- GenAI - LLMs / Fine Tuning/ RAG

AWARDS/ ACHIEVEMENTS

- Morgan Stanley - Technology Innovation Program (TIP 2024) - First Place (Bussiness Enablement)
- Chief of Naval Staff Commendation (on the spot) for **innovation**.
- Commander-in-Chief A&N Commendation (on the spot) for **strategic planning**.

EXPERIENCE

Senior Manager | ML Developer | Analytics |

Morgan Stanley, Mumbai   *Jun 2022 – Present*

- Developed multiple anomaly detection models as part of the AI/ML Fraud Detection team for reducing risk and enhancing business growth.
- Built and optimized end-to-end ETL pipelines for fraud signal processing, improving accuracy, SLA, Coverage and operational efficiency
- Designed and deployed internal fraud anomaly models to detect misappropriation of client funds by financial advisors, ensuring regulatory compliance and safeguarding customer assets.
- Led a PoC for a GenAI-based fraud detection solution in contact centres, leveraging transcription analysis and domain-specific features to identify fraudulent activities.
- Supervised and guided the development of a check forgery detection ML model, enhancing fraud prevention capabilities in external fraud space.

Tech Lead | Tech Manager | Operations Manager | Weapon Complex Analyst| Mentor

Indian Navy, Mumbai   *Jun 2012 – Jun 2022*

- Ten years of experience leading teams in the upkeep and optimal performance of weapon systems and power infrastructure.
- Spearheaded pilot project of Gun Fire Control System Lynx U2 commissioning increasing operational efficiency**.**
- Collaborated with a team across NPOL, BEL and Dockyard, in R&D and commissioning of next-generation Sonar.
- Supervised lifecycle up-gradation and repair of the Missile Defence system, decreasing downtime and improving operational efficiency.
- Directed team in the development of Remote Diagnostics Application for Weapon Computing Systems, enabling shore establishments to extend support to crew of warships through SATCOM link.

ADDITIONAL

Age	: 34 Years	**Present Location**	: Mumbai, Maharashtra
Experience	: 12 Years		