MUHAMMAD NAUFAL ARIF
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SUMMARY

Data Quality Assurance Specialist and Software Engineer specializing in zero-defect data architectures for Tier-1 global autonomous driving AI. Combines an engineer's logic built through full-stack development with an auditor's rigorous precision. Proven track record in validating complex 3D point cloud segmentation, refining spatial data integrity, and engineering scalable, business-driven web systems from the ground up.

EXPERIENCE

Data Quality Assurance Specialist | *PT Daligent Solusi Indonesia (KUPU ID)*
May 2026 - Sep 2026

- Manage data integrity for a Tier-1 global Autonomous Driving AI model by enforcing strict zero-defect tolerance. Specialize in auditing 3D LiDAR point cloud segmentation (Semantic OCC) to eliminate spatial anomalies, ensuring precise categorization and clean environmental data boundaries for autonomous training frameworks.

Data Annotator | *PT Daligent Solusi Indonesia (KUPU ID)*
Feb 2026 - May 2026

- Processed complex 4D spatio-temporal datasets with a focus on pixel-perfect annotations and LiDAR-camera sensor fusion. Executed precise bounding box tracking for dynamic objects and categorized 3D point clouds to maintain clean spatial boundary separation.

Software Developer | *Uwais Telur Distributor*
Dec 2024 - May 2025

- Engineered a full-stack sales transaction application using Rapid Application Development (RAD) with Node.js, Express.js, and SQLite. Streamlined daily business operations by developing scalable features for multi-item transactions, automated invoicing, and precise inventory management.

Internal Audit Administrator | *PT Panca Mitra Prima Sejahtera*
Nov 2025 - Jan 2026

- Supported enterprise audit operations by cross-verifying corporate documents and monitoring inventory movements across retail branches. Conducted rigorous compliance checks against corporate SOPs to optimize system efficiency and develop a macro-perspective on complex business workflows.

EDUCATION

Sekolah Tinggi Teknologi Terpadu Nurul Fikri | Bachelor of Information Systems
Sep 2021 – Sep 2025

- GPA: 3.82 (Cumlaude)

SKILL

- **AI Data Infrastructure:** Quality Assurance, Spatio-Temporal Tracking, 3D Point Cloud Processing (Semantic OCC).
- **Software Engineering:** JavaScript, TypeScript, React.js, Express.js, Tailwind CSS, REST API.
- **Databases & Tools:** PostgreSQL, MySQL, SQLite, MongoDB, Git, Vercel, Figma.

CERTIFICATIONS

- Code Generation and Optimization Using IBM Granite - IBM SkillsBuild (2025)
- Backend Developer (Independent Study) - Gamelab Indonesia (2024)
- Web Development (Independent Study) - Infinite Learning (2023)